

? show files;ds

File 347:JAPIO Dec 1976-2007/Jun(Updated 070926)

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File 348:EUROPEAN PATENTS 1978-2007/ 200751

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20071227UT=20071120

(c) 2007 WIPO/Thomson

File 350:Derwent WPIX 1963-2007/UD=200782

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File 371:French Patents 1961-2002/BOPI 200209

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File 120:U.S. Copyrights 1978-2007/Sep 11

(c) format only 2007 Dialog

File 426:LCMARC-Books 1968-2007/Dec W4

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File 430:British Books in Print 2007/Jan W3

(c) 2007 J. Whitaker & Sons Ltd.

File 483:Newspaper Abs Daily 1986-2008/Jan 01

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File 2:INSPEC 1898-2007/Dec W2

(c) 2007 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2007/Oct

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File 65:Inside Conferences 1993-2007/Dec 31

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File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Oct

(c) 2007 The HW Wilson Co.

File 474:New York Times Abs 1969-2007/Dec 29

(c) 2007 The New York Times

File 475:Wall Street Journal Abs 1973-2007/Dec 30

(c) 2007 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 The Gale Group

File 256:TecInfoSource 82-2007/Jul

(c) 2007 Info.Sources Inc

File 139:EconLit 1969-2007/Nov

(c) 2007 American Economic Association

File 9:Business & Industry(R) Jul/1994-2007/Dec 20

(c) 2007 The Gale Group

File 15:ABI/Inform(R) 1971-2008/Jan 02

(c) 2008 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2007/Dec 25

(c) 2007 The Gale Group

File 20:Dialog Global Reporter 1997-2008/Jan 02

(c) 2008 Dialog

File 148:Gale Group Trade & Industry DB 1976-2007/Dec 19

(c)2007 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2007/Dec 25

(c) 2007 The Gale Group

File 476:Financial Times Fulltext 1982-2007/Jan 01

(c) 2007 Financial Times Ltd

File 610:Business Wire 1999-2008/Jan 02

(c) 2008 Business Wire.

File 613:PR Newswire 1999-2008/Jan 02

(c) 2008 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2007/Dec 19

(c) 2007 The Gale Group

File 624:McGraw-Hill Publications 1985-2007/Dec 28

(c) 2007 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2007/Dec 27

(c) 2008 San Jose Mercury News

File 636:Gale Group Newsletter DB(TM) 1987-2007/Dec 26

(c) 2007 The Gale Group

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

File 267:Finance & Banking Newsletters 2007/Dec 17

(c) 2007 Dialog

File 268:Banking Info Source 1981-2007/Dec W1

(c) 2007 ProQuest Info&Learning

File 625:American Banker Publications 1981-2007/Dec 25

(c) 2007 American Banker  
 File 626:Bond Buyer Full Text 1981-2008/Jan 01  
 (c) 2008 Bond Buyer  
 File 13:BAMP 2007/Dec W5  
 (c) 2007 The Gale Group  
 File 56:Computer and Information Systems Abstracts 1966-2007/Oct  
 (c) 2007 CSA.  
 File 75:TGG Management Contents(R) 86-2007/Dec W3  
 (c) 2007 The Gale Group  
 File 249:Mgt. & Mktg. Abs. 1976-2007Apr W5  
 (c) 2007 Pira International  
 File 485:Accounting & Tax DB 1971-2007/Dec W3  
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Set	Items	Description
S1	23	AU=(MAGARAM, J? OR MAGARAM J? OR PARLIN, D? OR PARLIN D?)
S2	21	S1 FROM 347,348,349,350,371
S3	3	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC - OR PYRAMID?? OR TIER??
S4	3	S2 AND S3
S5	0	SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-ESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATI-ON OR PROJECTION OR PROJECTIONS
S6	3	IDPAT S4 (sorted in duplicate/non-duplicate order)
S7	3	IDPAT S4 (primary/non-duplicate records only)
S8	2	S1 NOT S2
S9	2	RD (unique items)
S10	5	S7 OR S9

10/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2007 The Thomson Corporation. All rts. reserv.

0016703333 - Drawing available  
WPI ACC NO: 2007-418414/200740  
XRPX Acc No: N2007-314328

**Multimedia files organizing method for computing environment, involves storing multimedia files in multiple containers based on multiple relationships between multimedia files and set of properties**

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: DART S E; NIKIEL M A; PARK J P; PARLIN D R ; PERY B L

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20070055928	A1	20070308	US 2005217488	A	20050902	200740 B

Priority Applications (no., kind, date): US 2005217488 A 20050902

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20070055928	A1	EN	14	8	

...Inventor: PARLIN D R

**Alerting Abstract** ...NOVELTY - The method involves generating a **hierarchy** including a set of containers. A set of properties is associated with each container in the **hierarchy**. Multimedia files are stored in multiple containers based on multiple relationships between the multimedia files...

...of properties associated with the container represent multiple activities. The set of containers in the **hierarchy** are nodes in a **tree structure**. ...method for organizing multimedia files a method to track membership of multimedia files in a **hierarchical** structure a computer readable medium storing a data structure that efficiently organizes multimedia files...

#### Original Publication Data by Authority

Inventor name & address:

... Parlin, David R

#### Original Abstracts:

A method to organize multimedia files in a **hierarchy** having a plurality of nodes is provided. The nodes of the **hierarchy** are lists that store references to the multimedia files. Additionally, each node of the **hierarchy** is associated with properties representing activities to be performed on the multimedia files. The multimedia...

#### Claims:

We claim:<b>1</b>. A method to organize multimedia files, the method comprising:generating a **hierarchy** having a plurality of containers;associating a plurality of properties with each container in the **hierarchy**; andstoring multimedia files in one or more containers based on one or more relationships...

10/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0016327445 - Drawing available  
WPI ACC NO: 2007-043614/200705  
XRPX Acc No: N2007-030056

**Data management program for electronic data management, has data structure with data sets, one storing electronic file and other storing metadata associated with electronic file**

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: DART S E; EVANS C A; HOEFNAGELS S; IVANOVIC R B; MCKEE T P; MOORE J F; PARLIN D R ; WILLIAMS S T; WONG L K F

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20060242164	A1	20061026	US 2005111989	A	20050422	200705 B

Priority Applications (no., kind, date): US 2005111989 A 20050422

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20060242164	A1	EN	50	26	

...Inventor: PARLIN D R

**Alerting Abstract** ...string indicating a property associated with the electronic file. The flat path string indicates a **hierarchical** structure of the property data....useful ways of organizing and displaying information regarding the user's files e.g. by **hierarchical** properties, lists, auto-lists, folders, etc. Enables users to assign properties to files, or change assigned properties associated with files, optionally with the use of **hierarchical** properties...

#### Original Publication Data by Authority

Inventor name & address:

... Parlin, David R

#### Original Abstracts:

...folders, and/or other storage elements and allow users to organize files, e.g., by **hierarchical** properties, lists, auto lists, folders, and the like. Such systems and methods allow users to assign properties to a file (optionally in a **hierarchical** manner), to change assigned properties, to search, view, and retrieve information based on the assigned

#### Claims:

...first property associated with the electronic file, wherein the first flat path string indicates a **hierarchical** structure of the property data.

10/AA,AN,AZ,TI/1 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0016703333

WPI ACC NO: 2007-418414/

Multimedia files organizing method for computing environment, involves storing multimedia files in multiple containers based on multiple relationships between multimedia files and set of properties

Original Titles:

User workflow lists to organize multimedia files

Local Applications (No Type Date): US 2005217488 A 20050902

Priority Applications (no., kind, date): US 2005217488 A 20050902

10/AA,AN,AZ,TI/2 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0016327445

WPI ACC NO: 2007-043614/

Data management program for electronic data management, has data structure with data sets, one storing electronic file and other storing metadata associated with electronic file

Original Titles:

Systems, methods, and user interfaces for storing, searching, navigating, and retrieving electronic information

Local Applications (No Type Date): US 2005111989 A 20050422

Priority Applications (no., kind, date): US 2005111989 A 20050422

10/AA,AN,AZ,TI/3 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2007 The Thomson Corporation. All rts. reserv.

0015696728

WPI ACC NO: 2006-260715/

Graphic editing control adjustment system has image processing engine communicating with user interface, that adjusts image parameters automatically based on user input

Original Titles:

System and method for controlling dynamically interactive parameters for image processing

Local Applications (No Type Date): US 2004953188 A 20040930

Priority Applications (no., kind, date): US 2004953188 A 20040930

10/AA,AN,AZ,TI/4 (Item 1 from file: 148)  
DIALOG(R)File 148:(c)2007 The Gale Group. All rts. reserv.

09186825 SUPPLIER NUMBER: 18995998  
ATM Exchange upgrades color. (The ATM Exchange Inc.)

10/AA,AN,AZ,TI/5 (Item 1 from file: 268)  
DIALOG(R)File 268:(c) 2007 ProQuest Info&Learning. All rts. reserv.

00257206

Ask the right questions when buying used ATMs

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File 347:JAPIO Dec 1976-2007/Jun(Updated 070926)

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File 350:Derwent WPIX 1963-2007/UD=200801

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File 371:French Patents 1961-2002/BOPI 200209

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Set	Items	Description
S1	112865	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -OR PYRAMID?? OR TIER??
S2	112865	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -OR PYRAMID?? OR TIER??
S3	5413	SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-ESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATI-ON OR PROJECTION OR PROJECTIONS
S4	3768	FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW -OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-ESTMENT OR ESTATE OR INSURANCE
S5	2797	DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR DIENGAG??? OR DISCONTINU? OR DIS()(ABL??? OR ARM OR ARMING -OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S6	7320	OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP()(LEVEL OR LEV-ELS) OR SOFTWARE()(AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S7	31182	DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-LEMENTS OR PARAMET? OR DATA()(ITEM OR ITEMS) OR FIELDNAME OR -FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR VALUES OR OFFSETS OR LINKS
S8	29386	BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-UBSUMED OR SUBCLASS?? OR WITHIN
S9	33599	RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? -OR COMPUTE OR COMPUTING OR FIGUR???
S10	45	S3(5N)S4
S11	22	S5(5N)S6
S12	2563	S7(5N)S8
S13	0	S9(10N)S11(10N)S12
S14	0	S2(S)S10(S)S13
S15	0	S2(S)S3(S)S4(S)S5(S)S6(S)S7(S)S8(S)S9
S16	0	S3(10N)S4(10N)S5(10N)S9
S17	1190	S2 AND S9 AND S12
S18	38	S2(10N)S9(10N)S12
S19	36	S5 AND S17
S20	18	S19 AND IC=(G06F OR G06Q)
S21	0	S5 AND S18
S22	18	IDPAT S20 (sorted in duplicate/non-duplicate order)
S23	18	IDPAT S20 (primary/non-duplicate records only)

23/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0016669821 - Drawing available

WPI ACC NO: 2007-384906/200736

XRPX Acc No: N2007-287998

**Microprocessor for atomically updating privileged architecture registers, has coprocessor having control register storing bit mask used to atomically set or clear, and to modify bit fields atomically by privileged instructions**

Patent Assignee: MIPS TECHNOLOGIES INC (MIPS-N)

Inventor: UHLER G M

**Patent Family** (1 patents, 1 countries)

Patent			Application			Update
Number	Kind	Date	Number	Kind	Date	
US 7185183	B1	20070227	US 2001921400	A	20010802	200736 B

Priority Applications (no., kind, date): US 2001921400 A 20010802

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 7185183	B1	EN	18	8		

**Alerting Abstract** ...ADVANTAGE - The **interrupt** handling is performed without disabling of **interrupts** and strict **nesting** of **interrupt** service routines thus enhancing the ability of kernel programs to modify the selected control registers...

...DESCRIPTION OF DRAWINGS - The **figure** shows a block diagram of microprocessor coupled with the coprocessors...

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0009/48 ...

G06F-0009/46 ...

#### Original Publication Data by Authority

#### Original Abstracts:

...set in the bit mask. By atomically modifying privileged control registers, a requirement for strict **nesting** of **interrupt** routines is eliminated.

#### Claims:

...said second register containing a bit mask, said bit mask determining which of the bit **fields** **within** the control register are to be modified;wherein said bit mask is used to atomically...

23/3,K/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013748294 - Drawing available

WPI ACC NO: 2003-847001/200379

XRPX Acc No: N2003-676980

**Reduced instruction set computing system operating method involves performing data access from low-level code to address specified as negative offset from zero value stored in register**

Patent Assignee: SUN MICROSYSTEMS INC (SUNM)

Inventor: ALDERSON J

**Patent Family** (4 patents, 2 countries)

Patent			Application			Update
Number	Kind	Date	Number	Kind	Date	
GB 2388447	A	20031112	GB 200210661	A	20020509	200379 B

US 20030212874 A1 20031113 US 2003395441 A 20030324 200382 E  
GB 2388447 B 20050727 200549 E  
US 7065625 B2 20060620 US 2003395441 A 20030324 200641 E

Priority Applications (no., kind, date): GB 200210661 A 20020509

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
GB 2388447	A	EN	32	5	

**Reduced instruction set** computing **system operating method involves performing data access from low-level code to address specified as...**

**Alerting Abstract** ...data access from low-level code such as trap routine, running on reduced instruction set **computing** (RISC) system, during page fault, instruction error **detection** and trap **nesting** .

...DESCRIPTION OF DRAWINGS - The **figure** shows an explanatory view of a memory **space** of the processor and the interpretation of negative memory offsets

#### Class Codes

International Classification (+ Attributes)  
IPC + Level Value Position Status Version

G06F-0011/34 ...

... G06F-0012/00 ...

... G06F-0009/30 ...

... G06F-0009/355

G06F-0011/34 ...

... G06F-0012/00 ...

... G06F-0009/30 ...

... G06F-0009/34

#### Original Publication Data by Authority

#### Original Abstracts:

...value. In response to a predetermined occurrence on the computer system, such as a hardware **interrupt** , the computer system **launches** a trap routine. This routine generates output data that needs to be stored within the...

...value. In response to a predetermined occurrence on the computer system, such as a hardware **interrupt** , the computer system launches a trap routine. This **routine** generates output data that needs to be stored within the memory space of the computer...

#### Claims:

...in the allocated region of memory, wherein said address is specified as a negative offset **from** the zero **value** stored in said register.

23/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013384663 - Drawing available

WPI ACC NO: 2003-474524/200345

XRPX Acc No: N2003-377623

Hierarchic **file system** for limited resource digital computer system, has **directories** and files defining double-linked set of objects, each being forward and backward linked to another object



Patent Assignee: FUJITSU LTD (FUIT); GUTHERY S B (GUTH-I)

Inventor: GUTHERY S B; SCOTT

**Patent Family** (3 patents, 2 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
JP 2003140944	A	20030516	JP 2002270274	A	20020917	200345 B
US 20030115227	A1	20030619	US 2001322801	P	20010917	200347 E
			US 2002241746	A	20020911	
US 7043493	B2	20060509	US 2001322801	P	20010917	200632 E
			US 2002241746	A	20020911	

Priority Applications (no., kind, date): US 2001322801 P 20010917; US 2002241746 A 20020911

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2003140944	A	JA	85	13	
US 20030115227	A1	EN			Related to Provisional US 2001322801
US 7043493	B2	EN			Related to Provisional US 2001322801

**Hierarchic file system for limited resource digital computer system, has directories and files defining double-linked...**

#### Original Titles:

**HIERARCHICAL** FILE SYSTEM OF COMPUTER AND COMPUTER SYSTEM HAVING LIMITED RESOURCE, AND ANTI-TEARING ALGORITHM...

... **Hierarchical** file system and anti-tearing algorithm for a limited-resource computer such as a smart...

... **Hierarchical** file system and anti-tearing algorithm for a limited-resource computer such as a smart

**Alerting Abstract** ...organizations and implementations appropriate for small processors and memory. The file system effectively supports complete **hierarchical** file system semantics and enable compact representations, **small** code size for implementation, fast access and retrieval and relative immunity to occasional errors...

...DESCRIPTION OF DRAWINGS - The **figure** shows the block diagram of the fundamental **architecture** of the **hierarchic** file system. (Drawing includes non-English language **text** ).

**Title Terms/Index Terms/Additional Words:** **HIERARCHY** ;

#### Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0011/14 ...

... G06F-0012/00 ...

... G06F-0017/30

G06F-0011/14 ...

... G06F-0012/00 ...

... G06F-0017/30

#### Original Publication Data by Authority

#### Original Abstracts:

...based upon an integrated circuit card ("smart card") or embedded processor novelly employs a full **hierarchical** file system consistent with desktop and laptop computers, thereby enabling the full execution of application programs. This **hierarchical** file system contains **both** files

and directories and is consistent with the following limited resource computer considerations: small code...

...anti-tearing algorithm is operative to ensure that data residing in any object of the **hierarchical** file system is **either** in: (1) the state it was in before an atomic write operation was commended with...

...one based upon an integrated circuit card ("smart card") or embedded processor employs a full **hierarchical** file system consistent with desktop and laptop computers, **thereby** enabling the full execution of application programs. This **hierarchical** file system contains both files and directories and **is** consistent with the following limited resource computer considerations: small code size for implementation; compact representation...

...anti-tearing algorithm is operative to ensure that data residing in any object of the **hierarchical** file system.

**Claims:**

What is claimed is: <b>1</b>. A **hierarchical** file system of objects for a limited-resource **computer** system, comprising: at least one directory, said at least one directory having an index that...

...What is claimed is:1. A **hierarchical** file system of computer-readable data objects, the **hierarchical** file system operable within a limited-resource computer system to enable an anti-tearing function, the **hierarchical** file system comprising: at least one computer- **readable** directory operable **within** a memory **element** of the **limited** -resource computer system, said at least one computer-readable directory having an index that uniquely identifies **said** at least one computer-readable directory;one or more files in said **at** least one **computer** -readable directory, each of said one or more files having an index that uniquely identifies...

...the-physical, digital-electronic state being representative of whether or not said write operation was **interrupted** before it was completed, such that the physical, digital electronic state is readable by the

23/3,K/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009444884 - Drawing available

WPI ACC NO: 1999-383850/199932

Related WPI Acc No: 1996-465188

XRPX Acc No: N1999-287349

Hierarchical **encapsulated system in multimedia applications, world wide web**

Patent Assignee: QUARK INC (QUAR-N)

Inventor: GUDMUNDSON N K; MACINNIS B Y

**Patent Family** (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 5907704	A	19990525	US 1995415848	A	19950403	199932 B
			US 1996720660	A	19961002	

Priority Applications (no., kind, date): US 1995415848 A 19950403; US 1996720660 A 19961002

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5907704	A	EN	100	39	C-I-P of application US 1995415848 C-I-P of patent US 5680619

Hierarchical **encapsulated system in multimedia applications, world wide web**

**Original Titles:**

**Hierarchical** encapsulation of instantiated objects in a multimedia authoring system including internet accessible objects.

**Alerting Abstract** ...of elements and modifiers having a common set of corresponding characteristics are linked by a **hierarchical** encapsulation module. An object configuration and a messaging module allows the modifier to react to...

...the messages transmitted from a network node to the other may be selectively enabled and **disabled** . The modifier is coupled to network module for receiving the messages transmitted from a network...

...DESCRIPTION OF DRAWINGS - The **figure** shows an illustration of the **hierarchy** encapsulation principles.

**Title Terms/Index Terms/Additional Words:** **HIERARCHY** ;

#### **Class Codes**

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0017/30 ...

... G06F-0009/44

G06F-0017/30 ...

... G06F-0009/44

#### **Original Publication Data by Authority**

#### **Original Abstracts:**

...reusable object containers merely by defining links among instantiated objects. Employing a technique known as **Hierarchical** Encapsulation, the system **automatically** isolates the external dependencies of the object containers created by its users, thereby facilitating reusability...

...the objects they contain in other container environments. Authors create two basic types of objects: **Elements** , which are the **key** actors within an application, and **Modifiers** , which modify an **Element** 's characteristics. The object containers (Elements and Behaviors--i.e., Modifier containers) created by authors spawn **hierarchies** of objects, including the **Structural Hierarchy** of **Elements** within **Elements** , and the **Behavioral Hierarchy** , within an **Element** , of **Behaviors** (and other **Modifiers**) within **Behaviors**. Through the **technique** known as **Hierarchical** Message Broadcasting, objects **automatically** receive messages sent to their object container. **Hierarchical** Message Broadcasting may **be** used advantageously for sending messages between object containers that may be located remotely from each...

#### **Claims:**

...of characteristics inherent to each member in the second set of **Modifiers**; and(c) a **hierarchical** linking mechanism that allows a first **Element** **from** the first set of **Elements** to be linked to a first **Modifier** from the second...

23/3,K/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0005642920 - Drawing available

WPI ACC NO: 1991-252831/199134

XRPX Acc No: N1991-192679

**Net-worked facilities management system - determines and extracts attributes of software object needed to preform high level functions of features requesting data**

Patent Assignee: JOHNSON CONTROLS TECHNOLOGY CO (JOHV); JOHNSON SERVICE CO (JOHV)

Inventor: BURKHARDT D E; CLAY; DAN; DARRELL; DAVID; DECIOUS G M; DENNIS;

DONALD; GARBE J R; GAYLON; GOTTSCHALK D A; HYZER S M; JAMES; KAREN; KOCH  
D L; MADAUS P W; MAGELAND O M; MICHAEL; NESLER C G; OTTO; PASCUCCI G A;  
PASCUCCU G A; PAUL; RASMUSSEN D E; ROBERT; SINGERS R R; SPACEK D J;  
STANDISH D E; STARK J K; SUSAN; VAIRAVAN; VAIRAVAN V; VAIRAVAN V E;  
WAGNER M E; WOEST K L

**Patent Family** (20 patents, 16 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1991011766	A	19910808	WO 1991US551	A	19910125	199134 B
AU 199173304	A	19910821				199147 E
EP 513206	A1	19921119	EP 1991904509	A	19910125	199247 E
			WO 1991US551	A	19910125	
JP 5506527	W	19930922	JP 1991504862	A	19910125	199343 E
			WO 1991US551	A	19910125	
AU 647086	B	19940317	AU 199173304	A	19910125	199416 E
WO 1991011766	A3	19920109	WO 1991US551	A	19910125	199509 E
US 5384697	A	19950124	US 1990476031	A	19900130	199510 E
			US 1993175770	A	19931230	
EP 513206	B1	19950412	EP 1991904509	A	19910125	199519 E
			WO 1991US551	A	19910125	
DE 69108900	E	19950518	DE 69108900	A	19910125	199525 E
			EP 1991904509	A	19910125	
			WO 1991US551	A	19910125	
JP 7182283	A	19950721	JP 1991504862	A	19910125	199538 E
			JP 1994291906	A	19910125	
US 5444851	A	19950822	US 1990476031	A	19900130	199539 E
			US 1994185674	A	19940121	
US 5463735	A	19951031	US 1990476031	A	19900130	199549 E
			US 1994191284	A	19940203	
JP 8055051	A	19960227	JP 1991504862	A	19910125	199618 E
			JP 1994291907	A	19910125	
US 5511188	A	19960423	US 1990476031	A	19900130	199622 E
			US 1993176730	A	19931230	
US 5522044	A	19960528	US 1990476031	A	19900130	199627 E
			US 1994185181	A	19940121	
US 5550980	A	19960827	US 1990476031	A	19900130	199640 E
			US 1994178970	A	19940107	
US 5598566	A	19970128	US 1990476031	A	19900130	199710 E
			US 1994179494	A	19940107	
US 5884072	A	19990316	US 1990476031	A	19900130	199918 E
			US 1993170086	A	19931217	
CA 2075048	C	19990817	CA 2075048	A	19910125	199953 E
			WO 1991US551	A	19910125	
US 6115713	A	20000905	US 1990476031	A	19900130	200044 E
			US 1993170086	A	19931217	
			US 1996706194	A	19960830	

Priority Applications (no., kind, date): US 1996706194 A 19960830; US 1994191284 A 19940203; US 1994185674 A 19940121; US 1994185181 A 19940121; US 1994179494 A 19940107; US 1994178970 A 19940107; US 1993176730 A 19931230; US 1993175770 A 19931230; US 1993170086 A 19931217; US 1990476031 A 19900130

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1991011766	A	EN			National Designated States, Original: AU CA JP
					Regional Designated States, Original: AT BE CH DE DK ES FR GB GR IT LU NL SE
EP 513206	A1	EN	57	57	PCT Application WO 1991US551 Based on OPI patent WO 1991011766
					Regional Designated States, Original: AT BE CH DE DK ES FR GB GR IT LI LU NL SE
JP 5506527	W	JA			PCT Application WO 1991US551 Based on OPI patent WO 1991011766
AU 647086	B	EN			Previously issued patent AU 9173304

Based on OPI patent WO 1991011766

WO 1991011766	A3	EN				
US 5384697	A	EN	136	83	Division of application	US 1990476031
EP 513206	B1	EN	48	26	PCT Application	WO 1991US551
					Based on OPI patent	WO 1991011766
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LI LU						
					NL SE	
DE 69108900	E	DE			Application	EP 1991904509
					PCT Application	WO 1991US551
					Based on OPI patent	EP 513206
					Based on OPI patent	WO 1991011766
JP 7182283	A	JA	94		Division of application	JP 1991504862
US 5444851	A	EN	137	83	Division of application	US 1990476031
US 5463735	A	EN	134	83	Division of application	US 1990476031
JP 8055051	A	JA	99		Division of application	JP 1991504862
US 5511188	A	EN	128	83	Division of application	US 1990476031
US 5522044	A	EN	135	83	Division of application	US 1990476031
US 5550980	A	EN	134		Division of application	US 1990476031
US 5598566	A	EN	135		Division of application	US 1990476031
US 5884072	A	EN			Division of application	US 1990476031
CA 2075048	C	EN			PCT Application	WO 1991US551
					Based on OPI patent	WO 1991011766
US 6115713	A	EN			Division of application	US 1990476031
					Division of application	US 1993170086
					Division of patent	US 5884072

**Alerting Abstract** ...The control mode comprises a circuit for processing and storing data at multiple **hierarchical** levels. A circuit in the store , holds features in a first software level, the features...

#### Class Codes

International Classification (Main): **G06F-011/00** ...

... **G06F-012/00** ...

... **G06F-013/00** ...

... **G06F-013/12** ...

... **G06F-015/00** ...

... **G06F-015/16** ...

... **G06F-015/177** ...

... **G06F-015/46** ...

... **G06F-017/30** ...

... **G06F-003/00** ...

... **G06F-009/44**

... (Additional/Secondary): **G06F-011/08** ...

... **G06F-013/14** ...

... **G06F-013/40** ...

... G06F-015/163 ...

... G06F-009/40 ...

... G06F-009/445 ...

... G06F-009/46

#### Original Publication Data by Authority

#### Original Abstracts:

...intermediate network controller. Thus, as certain network controllers are connected, disconnected or disabled during the **operation** of the network, the control of a process is not interrupted. Additionally, the **network** controllers **are** not configured to store large amounts of routing data because a path to a device can be established through other controllers with routing information...

#### Claims:

The control mode comprises a circuit for processing and storing data at multiple **hierarchical** levels. A circuit in the store hold features in a first software level, the features ...>A method of accessing network controllers in a facilities management system with a **portable** computing unit, the network controllers in the facilities management system being arranged to control a process, the network controllers being configured as at least one **network** and being interconnected by at least one communication link, each of the network controllers including...

...a node drop ID indicating that the network controller is a configured network controller, the **portable** computing unit being a non-configured device not part of the network, the method comprising: connecting the **portable** computing unit to a first port of a first network controller of the network controllers, the first configured network controller configured on the system at a first location defined by the subset indicative of the communication link and a first local address indicative of the first network controller; assigning a first network address to the **portable** computing unit, the first network address including the subset, the first local address and a first drop identifier indicative of the first drop port of the first network controller; transmitting a request for data received at an equipment interface of a second network controller located at a second network address from the **portable** computing unit to the second network controller, the request including the second network address as a destination indicator and the first network address as a **source** indicator; transmitting the data from the second network controller to the **portable** computing unit in response to the request for data, the data including the second network address as the source indicator and the first network address as the destination indicator; receiving the data from the second network controller at the processor of...

...the subset and local address of the first network address; transmitting the data to the **portable** computing unit through the first drop port specified by the first drop identifier portion of the first network address.

A ...A facilities management system configured to allow access to the system by a non-configured **portable** computing unit, the facilities management system including a plurality of network controllers arranged to control...

...as at least one network and being interconnected by at least one communication link, each of the network controllers including an equipment interface for receiving data related to the process, and...  
...first configured network controller including a first processor having a first port for receiving the **portable** computing unit, the first configured network controller configured on the system at a first location  
...

23/AN,AZ,TI/1 (Item 1 from file: 350)

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0017011911

Master table data accessing method for e.g. enterprise application server, involves providing master table having principal elements and cumulative element, and populating cumulative child table with all items

**Original Titles:**

System and method for implementing accumulative rows within master tables

Local Applications (No Type Date): US 2006395679 A 20060330

Priority Applications (no., kind, date): US 2006395679 A 20060330

23/AN,AZ,TI/2 (Item 2 from file: 350)

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0016669821

Microprocessor for atomically updating privileged architecture registers, has coprocessor having control register storing bit mask used to atomically set or clear, and to modify bit fields atomically by privileged instructions

**Original Titles:**

Atomic update of CPO state

Local Applications (No Type Date): US 2001921400 A 20010802

Priority Applications (no., kind, date): US 2001921400 A 20010802

23/AN,AZ,TI/3 (Item 3 from file: 350)

DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0015575040

Method for accessing indirect memory in flash memory card involves, using native application program interface to mask memory access, Java fields as indirect memory elements or Java arrays as indirect memory elements

**Original Titles:**

JSM-Architektur und Systeme

JSM architecture and systems

Architecture et systemes JSM

Method and system for dynamic address translation

Method and system to emulate an M-bit instruction set

Method and system for making a java system call

Method and system provide concurrent access to a software object

Method and system for shared object data member zones

Method and system for multiple object representation

Emulating a direct memory access controller

**Interrupt** management in dual core processors

Memory usable in cache mode or scratch pad mode to reduce the frequency of memory accesses

Cache memory usable as scratch pad storage

Context save and restore with a stack-based memory structure

Method and system for accessing indirect memories

Storing contexts for thread switching

Automatic operand load and store

Method and system of informing a micro-sequence of operand width

Splitting execution of instructions between hardware and software

Optimizing data manipulation in media processing applications

Compare instruction

Memory access instruction with optional error check

Pack instruction

Unpack instruction

Automatic operand load, modify and store

Method and system to **disable** the "wide" prefix

Method and system of using a "WIDE" opcode other than prefix

Compare instruction

Method and system to construct a data-flow analyzer for a bytecode verifier

Identifying code for compilation

Delegating tasks between multiple processor cores

Removing local RAM size limitations when executing software code

Method and system for managing virtual memory  
Method and system for implementing **interrupt** service routines  
Method and system for implementing an **interrupt** handler  
Method and system for thread abstraction  
Method and system of control flow graph construction  
Method and apparatus for code optimization  
Method and system of adaptive dynamic compiler resolution  
Method and related system of dynamic compiler resolution  
OPERAND WIDTH INDICATION FOR MICRO-SEQUENCE PROCESSING  
INDICATION DE LARGEUR D'OPERANDE POUR TRAITEMENT DE MICROSEQUENCES

Local Applications (No Type Date): EP 2004291918 A 20040727; US  
2005186062 A 20050721; US 2005188310 A 20050725; US 2005189245 A  
20050726; US 2005186063 A 20050721; US 2005187199 A 20050722; US  
2005188550 A 20050725; US 2005188667 A 20050725; US 2005188923 A  
20050725; US 2005188491 A 20050725; US 2005188668 A 20050725; US  
2005188411 A 20050725; US 2005186271 A 20050721; US 2005186315 A  
20050721; US 2005188827 A 20050725; US 2005135796 A 20050524; US  
2005186239 A 20050721; US 2005186330 A 20050721; US 2005116522 A  
20050428; US 2005116893 A 20050428; US 2005116897 A 20050428; US  
2005116918 A 20050428; US 2005188311 A 20050725; US 2005188336 A  
20050725; US 2005188503 A 20050725; US 2005188592 A 20050725; US  
2005188502 A 20050725; US 2005188504 A 20050725; US 2005188309 A  
20050725; US 2005186036 A 20050721; US 2005188551 A 20050725; US  
2005188670 A 20050725; US 2005189422 A 20050726; US 2005189637 A  
20050726; US 2005189367 A 20050726; US 2005189211 A 20050726; US  
2005189410 A 20050726; US 2005189411 A 20050726; WO 2006US20162 A  
20060524; US 2005188668 A 20050725  
Priority Applications (no., kind, date): EP 2004291918 A 20040727; US  
2005135796 A 20050524; US 2005188668 A 20050725; WO 2006US20162 A  
20060524

**23/AN,AZ,TI/4 (Item 4 from file: 350)**

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0015513090

**Webpage creation method for website design, involves forming and selecting  
webpage address to display user selection data on webpage, from database  
and form which reads configuration/reconfiguration document from database**

**Original Titles:**

Interactive website configuration, display and management application

Local Applications (No Type Date): US 2004698997 A 20040628

Priority Applications (no., kind, date): US 2004698997 A 20040628

**23/AN,AZ,TI/5 (Item 5 from file: 350)**

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0015073872

**Image data compression method in personal computer, involves generating  
compressed image defining triangles defined in image pixel grid and actual  
and predicted pixel component values within triangles**

**Original Titles:**

Lossy method for compressing pictures and video

Local Applications (No Type Date): US 2000718879 A 20001120

Priority Applications (no., kind, date): US 2000718879 A 20001120

**23/AN,AZ,TI/6 (Item 6 from file: 350)**

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0013938925

**Modular operating topology element for use with e.g. personal computer,  
manages RAM space as workspace memory and virtual mass storage control  
portion presented to host external bus, under interrupt driven  
multiprogramming**

**Original Titles:**



Ultra-modular processor in lattice topology  
Ultra-modular processor in lattice topology  
Local Applications (No Type Date): US 200287350 A 20020301; US 2002224920  
A 20020821; US 2002224920 A 20020821  
Priority Applications (no., kind, date): US 200287350 A 20020301; US  
2002224920 A 20020821

**23/AN,AZ,TI/7 (Item 7 from file: 350)**

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0013918598

**Integrated circuit designing method involves deriving indications of timing properties, based on monitored user interaction during functional design process**

**Original Titles:**

Timing abstraction and partitioning strategy  
Timing abstraction and partitioning strategy  
Local Applications (No Type Date): US 2002186263 A 20020627; US  
2002186263 A 20020627  
Priority Applications (no., kind, date): US 2002186263 A 20020627

**23/AN,AZ,TI/8 (Item 8 from file: 350)**

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0013748294

**Reduced instruction set computing system operating method involves performing data access from low-level code to address specified as negative offset from zero value stored in register**

**Original Titles:**

A computer system method and program product for performing a data access from low-level code  
Computer system, method, and program product for performing a data access from low-level code  
Computer system, method, and program product for performing a data access from low-level code  
Local Applications (No Type Date): GB 200210661 A 20020509; US 2003395441  
A 20030324; US 2003395441 A 20030324  
Priority Applications (no., kind, date): GB 200210661 A 20020509

**23/AN,AZ,TI/9 (Item 9 from file: 350)**

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0013703763

**Method for providing derivative of web document accessed through e.g. Internet, involves parsing guidance including mark-up language statements to produce derivative content**

**Original Titles:**

System and method for transcoding information for an audio or limited display user interface  
Local Applications (No Type Date): US 2000574990 A 20000519; US  
2000706898 A 20001106; US 2001891443 A 20010626  
Priority Applications (no., kind, date): US 2000574990 A 20000519; US  
2000706898 A 20001106; US 2001891443 A 20010626

**23/AN,AZ,TI/10 (Item 10 from file: 350)**

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0013384663

**Hierarchic file system for limited resource digital computer system, has directories and files defining double-linked set of objects, each being forward and backward linked to another object**

**Original Titles:**

**HIERARCHICAL** FILE SYSTEM OF COMPUTER AND COMPUTER SYSTEM HAVING LIMITED RESOURCE, AND ANTI-TEARING ALGORITHM

**Hierarchical** file system and anti-tearing algorithm for a limited-resource computer such as a smart card

**Hierarchical** file system and anti-tearing algorithm for a limited-resource computer such as a smart card

Local Applications (No Type Date): JP 2002270274 A 20020917; US

2001322801 P 20010917; US 2002241746 A 20020911; US 2001322801 P

20010917; US 2002241746 A 20020911

Priority Applications (no., kind, date): US 2001322801 P 20010917; US

2002241746 A 20020911

**23/AN,AZ,TI/11 (Item 11 from file: 350)**

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0013191873

**Modular operating topology element for compact flash, has CPU that manages RAM space according to interrupt driven multiprogramming**

**Original Titles:**

Ultra-modular processor in lattice topology

Local Applications (No Type Date): US 2001277745 P 20010322; US 200287350

A 20020301

Priority Applications (no., kind, date): US 2001277745 P 20010322; US

200287350 A 20020301

**23/AN,AZ,TI/12 (Item 12 from file: 350)**

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0010908930

**Apparatus for scalable array processor interrupt detection and response by supplying interrupt interface signals to processing elements to support independent operations in them**

**Original Titles:**

Methods and apparatus for scalable array processor **interrupt** detection and response

Methods and apparatus for scalable array processor **interrupt** detection and response

Methods and apparatus for scalable array processor **interrupt** detection and response

METHODS AND APPARATUS FOR SCALABLE ARRAY PROCESSOR **INTERRUPT** DETECTION AND RESPONSE

PROCEDES ET DISPOSITIF DE REACTION ET DE DETECTION D' **INTERRUPTION** D'UN PROCESSEUR DANS UN GROUPEMENT ECHELONNABLE

Local Applications (No Type Date): WO 2001US6058 A 20010223; US

2000184529 P 20000224; US 2001791256 A 20010223; US 2000184529 P

20000224; US 2001791256 A 20010223; US 2000184529 P 20000224; US

2001791256 A 20010223; US 2004931751 A 20040901

Priority Applications (no., kind, date): US 2000184529 P 20000224; US

2001791256 A 20010223; US 2004931751 A 20040901

**23/AN,AZ,TI/13 (Item 13 from file: 350)**

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0010391499

**Inkjet printhead for inkjet printers has a series of nozzles for the ejection of ink, each nozzle having a rim formed by the deposition of a rim material layer over a sacrificial layer and subsequent planar removal of the rim layer**

**Original Titles:**

VERBESSERUNGEN AN TINTENSTRAHLDRUCKERN

IMPROVEMENTS RELATING TO INKJET PRINTERS

AMELIORATION D'IMPRIMANTES A JET D'ENCRE

VERFAHREN ZUR HERSTELLUNG EINER DUSE FUR EINEN TINTENSTRAHLDRUCKKOPF

20010928; US 2003713059 A 20031117; US 2004884888 A 20040706; US  
2005165302 A 20050624; US 2006455132 A 20060619; US 1999425418 A  
19991019; US 2001966289 A 20010928; US 2003713073 A 20031117; US  
2004923047 A 20040823; US 2005165062 A 20050624; US 2007706310 A  
20070215; US 1999425191 A 19991019; US 2001942604 A 20010831; US  
2002291472 A 20021112; US 2003666265 A 20030922; US 2004841502 A  
20040510; US 200571474 A 20050304; US 2007706294 A 20070215; EP  
1999970634 A 19991015; WO 1999AU894 A 19991015; US 1999422893 A  
19991019; US 2003642337 A 20030818; US 20046733 A 20041208; US  
2007706323 A 20070215; WO 1999AU894 A 19991015; US 2001835711 A  
20010416; US 2001807297 A 20010813; US 2005144778 A 20050606; US  
2007735961 A 20070416; WO 1999AU894 A 19991015; US 2001835471 A  
20010416; US 2001807297 A 20010813; US 20043423 A 20041206; US  
2005315357 A 20051223; US 2006540566 A 20061002; US 2007730784 A  
20070404; WO 1999AU894 A 19991015; US 2001807297 A 20010813; US  
2005144844 A 20050606; US 2007696144 A 20070403; US 1999425420 A  
19991019; US 2003636208 A 20030808; US 2005111813 A 20050422; US  
2006472405 A 20060622; US 2007739080 A 20070423; US 1999425191 A  
19991019; US 2001942604 A 20010831; US 2002291472 A 20021112; US  
2003666265 A 20030922; US 2004841536 A 20040510; US 2005102857 A  
20050411; US 2005273269 A 20051028; US 2006450448 A 20060612; US  
1999425191 A 19991019; US 2001942604 A 20010831; US 2002291472 A  
20021112; US 2003666265 A 20030922; US 2004841505 A 20040510; US  
200572515 A 20050307; US 2005225171 A 20050914; DE 69936660 A  
19991015; EP 1999970634 A 19991015; WO 1999AU894 A 19991015; US  
1999425418 A 19991019; US 2001966289 A 20010928; US 2003713059 A  
20031117; US 2004884888 A 20040706; US 2005165302 A 20050624; US  
2006455132 A 20060619; US 2007748490 A 20070515; WO 1999AU894 A  
19991015; US 2001835702 A 20010416; US 2001807297 A 20010813; US  
2003728944 A 20031208; US 2006442133 A 20060530; WO 1999AU894 A  
19991015; US 2001807297 A 20010813; US 2005144844 A 20050606; US  
2007743659 A 20070502; WO 1999AU894 A 19991015; US 2001807297 A  
20010813; US 2005144844 A 20050606; US 2007752900 A 20070523; WO  
1999AU894 A 19991015; US 2001807297 A 20010813; US 2005144844 A  
20050606; US 2007743661 A 20070502; US 1999425191 A 19991019; US  
2001942604 A 20010831; US 2002291472 A 20021112; US 2003666265 A  
20030922; US 2004841502 A 20040510; US 200571474 A 20050304; US  
2007706294 A 20070215; US 1999425418 A 19991019; US 2001966289 A  
20010928; US 2004791793 A 20040304; US 200533122 A 20050112; US  
1999425191 A 19991019; US 2001942604 A 20010831; US 2002291472 A  
20021112; US 2003666265 A 20030922; US 2004841536 A 20040510; US  
2005102857 A 20050411; US 2005273269 A 20051028; US 2006450448 A  
20060612; US 2007779847 A 20070718; US 1999425191 A 19991019; US  
2001942604 A 20010831; US 2002291472 A 20021112; US 2003666265 A  
20030922; US 2004791900 A 20040304; US 2005206920 A 20050819; US  
1999425191 A 19991019; US 2001942604 A 20010831; US 2002291472 A  
20021112; US 2003666265 A 20030922; US 2004841505 A 20040510; US  
200572515 A 20050307; US 2005225171 A 20050914; US 2007829940 A  
20070729

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unnecessary  
pages*

Priority Applications (no., kind, date): AU 19987022 A 19980909; AU  
19987023 A 19980909; AU 19987022 A 19980911; AU 19986534 A 19981016  
; AU 19986535 A 19981016; AU 19986536 A 19981016; AU 19986537 A  
19981016; AU 19986538 A 19981016; AU 19986539 A 19981016; AU 19986540  
A 19981016; AU 19986541 A 19981016; AU 19986542 A 19981016; AU  
19986543 A 19981016; AU 19986544 A 19981016; AU 19986545 A 19981016  
; AU 19987022 A 19981016; AU 19987023 A 19981016; AU 19987022 A  
19981109; AU 19987023 A 19981109; US 2001835449 A 20010416; US  
2001835472 A 20010416; US 2001835702 A 20010416; US 2001835711 A  
20010416; US 2002273840 A 20021021; US 2002273842 A 20021021; US  
2003642234 A 20030818; US 2003642337 A 20030818; US 2003685440 A  
20031016; US 2003685500 A 20031016; US 2003728944 A 20031208; US  
2003729081 A 20031208; US 2005225171 A 20050914

23/AN,AZ,TI/14 (Item 14 from file: 350)  
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0010082487

Network based data routing method, receiving first portion of frame within  
FIFO receive memory of networked device with portion of received frame  
includes data having preselected address fields

Original Titles:

Verfahren und System zur Weglenkung von Netzbasierten Daten unter  
Verwendung von Rahmenadressemeldung  
Method and system of routing network-based data using frame address  
notification  
Procede et systeme d'acheminement de donnees de reseau en utilisant  
notification de l'adresse de la trame  
ROUTING METHOD AND SYSTEM FOR DATA BASED ON NETWORK USING FRAME ADDRESS  
NOTIFICATION  
Method and system of routing network-based data using frame address  
notification  
Method and system for routing network-based data using frame address  
notification  
Local Applications (No Type Date): EP 1999307622 A 19990928; JP  
1999278044 A 19990930; US 1998163925 A 19980930; US 1998163925 A  
19980930; US 2006386323 A 20060322  
Priority Applications (no., kind, date): US 1998163925 A 19980930; US  
2006386323 A 20060322

**23/AN,AZ,TI/15 (Item 15 from file: 350)**

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0009706375

**Detection of properties associated with molecular binding layer coupled to  
surface of signal path**

**Original Titles:**

VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON MOLEKAAL-BINDUNGSREAKTIONEN  
VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON MOLEKULARBINDUNGSREAKTIONEN  
METHOD AND APPARATUS FOR DETECTING MOLECULAR BINDING EVENTS  
PROCEDE ET APPAREIL DE DETECTION D'EVENEMENTS DE LIAISON MOLECULAIRE  
VERFAHREN UND VORRICHTUNG ZUR ERKENNUNG VON MOLEKUL-BINDUNGSREAKTIONEN  
METHOD AND APPARATUS FOR DETECTING MOLECULAR BINDING EVENTS  
PROCEDE ET APPAREIL DE DETECTION D'EVENEMENTS DE LIAISON MOLECULAIRE  
METHOD AND DEVICE FOR DETECTING MOLECULAR BINDING EVENT  
Method for detecting and classifying nucleic acid hybridization  
RESONANT BIO-ASSAY DEVICE AND TEST SYSTEM FOR DETECTING MOLECULAR BINDING  
EVENTS  
Methods for analyzing protein binding events  
SWITCHABLE BIO-ASSAY DEVICE  
Coplanar waveguide biosensor for detecting molecular or cellular events  
Test systems and sensors for detecting molecular binding events  
Coplanar waveguide biosensor for detecting molecular or cellular events  
Method for detecting and classifying nucleic acid hybridization.  
Methods for analyzing protein binding events.  
Method and apparatus for detecting molecular binding events.  
Method for detecting and classifying nucleic acid hybridization.  
Bio-assay device and test system for detecting molecular binding events.  
Resonant bio-assay device and test system for detecting molecular binding  
events.

Methods for analyzing protein binding events

METHOD AND APPARATUS FOR DETECTING MOLECULAR BINDING EVENTS

PROCEDE ET APPAREIL DE DETECTION D'EVENEMENTS DE LIAISON MOLECULAIRE

Local Applications (No Type Date): WO 1999US2147 A 19990201; AU 199924906

A 19990201; WO 1999US2147 A 19990201; GB 199923039 A 19990929; EP  
1999904525 A 19990201; WO 1999US2147 A 19990201; WO 1999US2147 A  
19990201; NO 20003911 A 20000801; WO 1999US2147 A 19990201; GB  
199923039 A 19990929; CN 1999803583 A 19990201; US 199873445 P  
19980202; US 1999243194 A 19990201; US 1999134740 P 19990518; US  
1999365581 A 19990802; US 199873445 P 19980202; US 1999243194 A  
19990201; US 1999134740 P 19990518; US 1999365580 A 19990802; KR  
2000708428 A 20000802; US 199873445 P 19980202; US 1999243194 A  
19990201; US 1999134740 P 19990518; US 1999365581 A 19990802; US  
2001839860 A 20010419; US 199873445 P 19980202; US 1999243194 A  
19990201; US 1999365578 A 19990802; US 199873445 P 19980202; US  
1999243194 A 19990201; US 1999134740 P 19990518; US 1999365581 A  
19990802; US 2001839860 A 20010419; US 199873445 P 19980202; US  
1999243194 A 19990201; US 1999243196 A 19990201; US 1999365578 A  
19990802; US 2000480846 A 20000110; WO 1999US2147 A 19990201; JP  
2000529595 A 19990201; US 199873445 P 19980202; US 1999243194 A  
19990201; US 1999134740 P 19990518; US 1999365580 A 19990802; US  
2001923474 A 20010806; US 199873445 P 19980202; US 1999243194 A  
19990201; US 199873445 P 19980202; US 1999243194 A 19990201; US

1999243196 A 19990201; US 1999365578 A 19990802; US 2000480846 A  
 20000110; AU 199924906 A 19990201; US 199873445 P 19980202; US  
 1999243194 A 19990201; US 1999134740 P 19990518; US 1999365978 A  
 19990802; MX 20007552 A 20000801; US 199873445 P 19980202; US  
 1999243194 A 19990201; US 1999365978 A 19990802; US 2001929521 A  
 20010813; US 199873445 P 19980202; US 1999243194 A 19990201; US  
 1999365978 A 19990802; US 2002238284 A 20020910; US 199873445 P  
 19980202; US 1999243194 A 19990201; US 1999365978 A 19990802; US  
 2001929521 A 20010813; US 2002226794 A 20020823; US 199873445 P  
 19980202; US 1999243194 A 19990201; US 1999134740 P 19990518; US  
 1999365580 A 19990802; US 2001923474 A 20010806; EP 1999904525 A  
 19990201; WO 1999US2147 A 19990201; DE 69918389 A 19990201; EP  
 1999904525 A 19990201; WO 1999US2147 A 19990201; DE 69918389 A  
 19990201; EP 1999904525 A 19990201; WO 1999US2147 A 19990201; JP  
 2000529595 A 19990201; JP 2005162003 A 20050601; US 199873445 P  
 19980202; US 1999243194 A 19990201; US 1999365978 A 19990802; US  
 2001929521 A 20010813; US 2002226794 A 20020823  
 Priority Applications (no., kind, date): US 199873445 P 19980202; US  
 1999243194 A 19990201; US 1999243196 A 19990201; US 1999134740 P  
 19990518; US 1999365578 A 19990802; US 1999365580 A 19990802; US  
 1999365581 A 19990802; US 1999365978 A 19990802; US 2000480846 A  
 20000110; US 2001839860 A 20010419; US 2001923474 A 20010806; US  
 2001929521 A 20010813; US 2002226794 A 20020823; US 2002238284 A  
 20020910

**23/AN,AZ,TI/16 (Item 16 from file: 350)**

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0009444884

**Hierarchical encapsulated system in multimedia applications, world wide web**

**Original Titles:**

**Hierarchical** encapsulation of instantiated objects in a multimedia authoring system including internet accessible objects.

Local Applications (No Type Date): US 1995415848 A 19950403; US  
 1996720660 A 19961002

Priority Applications (no., kind, date): US 1995415848 A 19950403; US  
 1996720660 A 19961002

**23/AN,AZ,TI/17 (Item 17 from file: 350)**

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0005642920

**Net-worked facilities management system - determines and extracts attributes of software object needed to preform high level functions of features requesting data**

**Original Titles:**

VERNETZTES BETRIEBSMITTELVERWALTUNGSSYSTEM

NETWORKED FACILITIES MANAGEMENT SYSTEM

SYSTEME DE GESTION D'UNITES INTERCONNECTEES EN RESEAU

VERNETZTES BETRIEBSMITTELVERWALTUNGSSYSTEM

NETWORKED FACILITIES MANAGEMENT SYSTEM

SYSTEME DE GESTION D'UNITES INTERCONNECTEES EN RESEAU

METHOD FOR ASSIGNING HIGH-RELIABILITY DATA TO PROCESS EXECUTED BY  
 PROCESSING MEANS IN NODE

SYNCHRONOUS METHOD FOR DATA BASE STORED IN STORAGE MEANS OF PLURAL NODES

Networked facilities management system with balanced differential analog  
 control outputs

Method of accessing configured nodes in a facilities

Method of downloading information stored in an arching device to  
 destination network controller through intermediate network controllers in  
 accordance with routing information

Networked facilities management system with time stamp comparison for data  
 base updates

Networked facilities management system

Networked facilities management system with optical coupling of local  
 network devices.

Networked facilities management system having a node configured with

distributed load management software to manipulate loads controlled by other nodes.  
Networked facilities management system with updated data based on aging time.

Networked facilities management system.

#### NETWORKED FACILITIES MANAGEMENT SYSTEM

Local Applications (No Type Date): WO 1991US551 A 19910125; EP 1991904509 A 19910125; WO 1991US551 A 19910125; JP 1991504862 A 19910125; WO 1991US551 A 19910125; AU 199173304 A 19910125; WO 1991US551 A 19910125; US 1990476031 A 19900130; US 1993175770 A 19931230; EP 1991904509 A 19910125; WO 1991US551 A 19910125; DE 69108900 A 19910125; EP 1991904509 A 19910125; WO 1991US551 A 19910125; JP 1991504862 A 19910125; JP 1994291906 A 19910125; US 1990476031 A 19900130; US 1994185674 A 19940121; US 1990476031 A 19900130; US 1994191284 A 19940203; JP 1991504862 A 19910125; JP 1994291907 A 19910125; US 1990476031 A 19900130; US 1993176730 A 19931230; US 1990476031 A 19900130; US 1994185181 A 19940121; US 1990476031 A 19900130; US 1994178970 A 19940107; US 1990476031 A 19900130; US 1994179494 A 19940107; US 1990476031 A 19900130; US 1993170086 A 19931217; CA 2075048 A 19910125; WO 1991US551 A 19910125; US 1990476031 A 19900130; US 1993170086 A 19931217; US 1996706194 A 19960830  
Priority Applications (no., kind, date): US 1996706194 A 19960830; US 1994191284 A 19940203; US 1994185674 A 19940121; US 1994185181 A 19940121; US 1994179494 A 19940107; US 1994178970 A 19940107; US 1993176730 A 19931230; US 1993175770 A 19931230; US 1993170086 A 19931217; US 1990476031 A 19900130

23/AN,AZ,TI/18 (Item 18 from file: 350)

DIALOG(R)File 350:(c) 2008 The Thomson Corporation. All rts. reserv.

0005195475

**Digital signal processor for arithmetic processing - using minimum distortion register and position register to reduce number of distortion calculations**

#### Original Titles:

Prozessor fuer ein numerisches Signal  
Digital signal processor  
Processeur de signal numerique  
Prozessor fuer ein numerisches Signal  
Digital signal processor  
Processeur de signal numerique  
DIGITAL SIGNAL PROCESSING PROCESSOR  
Digital signal processor matching data blocks against a reference block and replacing the reference block when a new minimum distortion block is calculated  
Digital signal processor with multiway branching based on parallel evaluation of N threshold values followed by sequential evaluation of M Motion vector calculation method using sequential minimum distortion calculations at different densities  
Digital signal processor with high speed multiplier means for double data input  
Digital signal processor with direct data transfer from external memory

Local Applications (No Type Date): EP 1989113000 A 19890715; JP 1988318941 A 19881216; JP 1988318942 A 19881216; JP 19891258 A 19890109; JP 19896805 A 19890113; JP 19896806 A 19890113; JP 19899003 A 19890118; JP 1988318941 A 19881216; JP 1988318942 A 19881216; JP 19891258 A 19890109; JP 19896805 A 19890113; JP 19896806 A 19890113; JP 19899003 A 19890118; US 1989379274 A 19890713; CA 605490 A 19890712; EP 1989113000 A 19890715; KR 198917852 A 19891204; US 1989379274 A 19890713; US 1992907118 A 19920701; US 1993140989 A 19931025; US 1989379274 A 19890713; US 1992907250 A 19920701; US 1993103175 A 19930806; US 1989379274 A 19890713; US 1992907233 A 19920701; US 1989379274 A 19890713; US 1992907246 A 19920701; US 1993128257 A 19930928; EP 1989113000 A 19890715; DE 68927798 A 19890715; EP 1989113000 A 19890715

Priority Applications (no., kind, date): JP 1988318941 A 19881216; JP 1988318942 A 19881216; JP 19891258 A 19890109; JP 19896805 A 19890113; JP 19896806 A 19890113; JP 19899003 A 19890118

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File 348:EUROPEAN PATENTS 1978-2007/ 200751

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20071227UT=20071120

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	207310	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC - OR PYRAMID?? OR TIER??
S2	207310	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC - OR PYRAMID?? OR TIER??
S3	42860	SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-ESENTATION OR LOGIC()(STRUCTURE OR STRUCTURES) OR VISUALI?ATI-ON OR PROJECTION OR PROJECTIONS
S4	76088	FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW - OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-ESTMENT OR ESTATE OR INSURANCE
S5	66024	DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR DIENGAG??? OR DISCONTINU? OR DIS()(ABL??? OR ARM OR ARMING - OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S6	83350	OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP()(LEVEL OR LEV-ELS) OR SOFTWARE()(AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S7	180115	DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-LEMENTS OR PARAMET? OR DATA()(ITEM OR ITEMS) OR FIELDNAME OR - FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR VALUES OR OFFSETS OR LINKS
S8	167344	BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-UBSUMED OR SUBCLASS?? OR WITHIN
S9	158978	RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? - OR COMPUTE OR COMPUTING OR FIGUR???
S10	640	S3(5N)S4
S11	444	S5(5N)S6
S12	53060	S7(5N)S8
S13	1	S9(10N)S11(10N)S12
S14	0	S2(S)S10(S)S13
S15	3	S2(S)S3(S)S4(S)S5(S)S6(S)S7(S)S8(S)S9
S16	22	S3(S)(S5(10N)S6)(S)(S7(10N)S8)(S)S9
S17	25	S15 OR S16
S18	25	IDPAT (sorted in duplicate/non-duplicate order)
S19	25	IDPAT (primary/non-duplicate records only)

19/3,K/7 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01537571

**GENIUS ADAPTIVE DESIGN**

**MODELE D'ADAPTATION AU GENIE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200781519 A2 20070719 (WO 0781519)

Application: WO 2006US48704 20061219 (PCT/WO US2006048704)

Priority Application: US 2005755291 20051230; US 2006756607 20060105; US  
2006778313 20060301; US 2006783018 20060315; US 2006786906 20060328; US  
2006852794 20061018

Designated States:

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2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN  
KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI  
NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT  
TZ UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
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Publication Language: English

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01359286 \*\*Image available\*\*

**METHOD OF ANALYSING DATA**

**PROCEDE D'ANALYSE DE DONNEES**

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AU (Nationality), (Designated only for: US)

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2005AU1595 20051014 (PCT/WO AU2005001595)

Priority Application: AU 2004905955 20041015

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM



DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ  
LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12198

Fulltext Availability:

Claims

Claim

... 14 is imported into the process database

20 certain statistics of the data 14 are **calculated** and stored in the process database 20 with the data stream. These include: mean, standard...

...a histogram using a pre-set number of frequency bins). This information is used during **visualisation** to provide an appropriate scaling for display. The frequency distribution is also used for display...

...of compression exist including boxcar, backward slope, and straight line interpolation methods. These techniques are **lossy** (ie. they discard information) so the reconstructed data may be inaccurate in ways that could...

...stream because this is an important indicator of variability. This makes it possible to pre-**compute** a representation of each signal at a number of pre-defined time scales (eg. I...

...compression techniques. The OPCHDA protocols allow clients to retrieve the stored data.

This includes:

Time

**Value**

Quality

Process data 14 may be imported directly from OPC-HDA servers.

One problem with...

...alarm

stopped. Other events indicate how the operators respond to the alarms. For example, Enable, **Disable**, and Acknowledge. Other kinds of operator actions may also be

- 16

recorded. For example, changes to operating set points, and operating modes.

Typically, event streams are used for **visualisation** or 5 alarm analysis. However, for **visualisation** it is important that the event data be efficiently accessible so the **visualisation** tools generally require that a fast binary representation to be used.

The Event Database 22...

...defined by the following attributes:

Time. 0 Tag.

Event Type (alarm, return, acknowledge, operator

...uses the regions defined by the annotations to project the tag grouping or crosscorrelation data.

**Figure 4** shows an annotated process diagram. The tag group in the previous example has been...

...a red square. This example illustrates one of the applications of meta-data to the **visualisation** of a process operation. Operations available to the user include:  
0 Zoom in and out...

...currently selected group. - 36  
Change the display mode to show tag group, or similarity (see **below** ).  
Change the time lag for correlation, possibly causing the tag groupings to change.  
5 The...

...or the selection can be synchronised with the variables in the currently selected tag group.  
**Figure 6** shows the **values** of process and alarm variables that are members of a group of variables. Visually, the user can confirm the basis for the grouping of variables, and use features of the **visualisation** system to investigate events in the data. This **figure** shows about 2 million process data points.  
Operations available to the user include:  
- 37  
Rearrange...

19/3,K/15 (Item 15 from file: 349)

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00814140

**A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK**

**PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US35429 20001222 (PCT/WO US0035429)  
Priority Application: US 99470030 19991222; US 99470041 19991222; US  
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Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 106212

Fulltext Availability:  
Detailed Description

#### Detailed Description

... each other. Encapsulation protects the data in an object from accidental damage, but allows other **objects** to interact with that data by calling the object's member functions and structures.

Subelassing...the terms, and a 2S third section indicating falfillinent of the terms by the seller.

**Figure 29** illustrates a Document Page 2900 of an electronic document creator. The Electronic Document Creator **Figure 30** depicts an electronic Documents Checklist 3000. The Docuinent Checklist is an online document checking...

...discrepancies are found. The buyer will sip on the checklist once all documents are checked.

**Figure 31** illustrates a VTrade compliance engine 3100. The compliance engine has a fullyautomated compliance checking...

...and seller, who will renegotiate on the highlighted discrepancies on VTrade Web's electronic platform

**Figure 32** illustrates a first option of documentary compliance in a VTrade system. Here, only VTrade...

...the electronic documents. (Assume only Combined Purchase Order Proforma Invoice and transportation documents require checking.) **Figure 33** illustrates a second option of documentary compliance in which the Bank 3300 checks physical documents while VTrade 3302 checks electronic documents. **Figure 34** illustrates a third option of documentary compliance in which the buyer 3400 checks physical documents while VTrade 3402 checks electronic documents. **Figure 35** illustrates a general architecture of the VTrade system, includinR a buyer station 3500, a seller station 3502, a processing hub 3504, and a credit provider system 3506. **Figure 36** illustrates an exemplary technical framework for a VTrade system. As shown, the VTrade enterprise...buyers and sellers are located. The enterprise is also connected to the payment system 3604.

**Figure 37** illustrates several potential security threats, including viruses 3700, and internal attacks 3702. **Figure 38** illustrates security features which may be used with the technical framework of the VTrade system. Such features include encryption 3800, authentication 3802, and firewalls 3804. **Figure 39** illustrates several security principles 3900 and the services 3902, 3904, 3906 which provide them...

...some group of recognized rules, preferably rules that are I 0 enforceable in foreign countries. **Figure 40** illustrates an embodiment of the present invention in which VTrade operates under applicable Visa ...

...4000,4002, with an avenue for dispute resolution via the ICC international court for arbitration.

**Figure 41** illustrates a legal framework 4100 when the rules are set by the VTrade Enterprise...

...and seller. All legal contracts outside the VTrade rules should also be established between parties.

**Figure 42** depicts the legal responsibilities of VTrade 4200 and the Bank 4202. **Figure 43** illustrates the legal responsibilities of the buyer 4300 and seller 4302.

VTrade may provide...the Credit Provider will make payment to the exporter and seek recourse from the importer.

**Figures 44-52** depict an illustrative process flow for operation of the VTrade system with the...

...4400, buyer's bank 4402, VTrade 4404, seller's bank 4406, and a seller 4408. **Figure 44** shows a process for credit application and access, which continues at A in **Figure 45**. **Figure 46** depicts a process for initiation of bidding. **Figures 47 and 48** illustrate a process for submission of a VTrade POPI. **Figure 49** depicts a process for negotiation and finalization of the POPI.

**Figures 50 and 51** illustrate a process for facilitation of document checking during payment.

**Figure 52** illustrates a process for account billing and VTrade account management.

As such, the embodiments...Force new business models on the Web

Examples

Aggregators

Auctions

o Exchanges

As shown in **Figure 53**, eMarketplaces can take three basic forms which intend to serve different market functions. These...

...together online to easily exchange value, provide content, and form a community. As shown in **Figure 54**, these three marketplaces may be brought together to create an eMarketplace 5400.

eMarketplaces can...counterparties

Clear and detailed rules and policies

Transactions initiated and consummated online

As shown in **Figure 55**, an eMarket 5500 is supported by a technical infrastructure 5502. To reach their potential...

...markets must offer key capabilities that span from "making the market" to supporting the infrastructure. **Figure 56** is a table setting forth descriptions of elements of the infrastructure including software/solutions...

...of the infrastructure.

Several needs should be addressed in order to offer a complete eMarketplace. **Figure 57** is a table setting forth a process to create solutions to specific needs during...

...contract trading are allowed in operation 5704. Finally, a settlement is managed in operation 5706.

**Figure 58** illustrates another embodiment of the process for creating solutions to specific needs during a...of eEnabled financial services products in one or more of the five categories shown in **Figure 59**. These categories are.

reputation assessment 5900, financing 5902, risk management 5904, ePayments 5906, and information 5908.

**Figure 60** illustrates a TradeDirect system 6000 in accordance with one embodiment of the present invention...

...facility, and information sources. TradeDirect automates research, contracting, and fulfillment in business to business eMarketplaces.

**Figure 61** illustrates how TradeDirect may connect to outside firms to provide a wide breadth of services, such as those found in **Figure 62**. Referring to **Figure 61**, TradeDirect 6100 is connected to a plurality of eMarkets 6102, and may be connected...

...technology enabler 6108.

TradeDirect should offer products in one or more of the areas of **Figure 62** to support business to business exchanges. The areas include: credit ratings and reporting 6200...

...comfort regarding the quality of their counterparties before engaging in online business to business trades. **Figure 63** illustrates a process 6300 for affording credit rating and reporting utilizing a network. In... charge  
Pre-approved lines of credit and online decisioning will streamline financing and guarantee payment. **Figure 64** is a flowchart of a process 6400 for approving a line of credit of...

19/3,K/17 (Item 17 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00790514 \*\*Image available\*\*

**OBJECT FRAMEWORKS FOR REINSURANCE**

**CADRES ORIENTES OBJET POUR REASSURANCE**

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200123999 A2 20010405 (WO 0123999)

Application: WO 2000US26695 20000929 (PCT/WO US0026695)

Priority Application: US 99157101 19990930; US 99157225 19990930; US  
99157223 19990930

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

NO

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 20462

Fulltext Availability:

Claims

Claim

... of a contract and hide the multi-dimensional aspect of a contract from subsequent domain **modeling**. The multiple dimensions of a contract may include multiple reinsurance periods, multiple life cycle phases...

...contract conditions per section and per amendment, wherein the sections may be organized in a **hierarchy**. In one embodiment, a behavior framework may abstract and encapsulate business rules for managing the... classes included in the business process framework may include default implementations for hook methods which **subclasses** may override. In one embodiment, a developer may create a new business process component by... many classes that together make up a reinsurance software system may be arranged in a **hierarchy**. At the top of the **hierarchy** may sit the most general, abstract business process class. This class may be **subclassed** by one or more other classes, some of which may be abstract. Classes which are...

insured period. In one embodiment, when a condition, e.g., a premium condition, is...

...contracts, own retention, etc. In one embodiment, the reinsurance transaction processing software may include an **object - oriented** framework, the condition component framework. This framework, i.e., the condition component framework, may permit...other conditions for reinsurance contracts. In one embodiment, the components may be implemented as reusable **objects**. In one embodiment, the reinsurance framework 5010 may include one or more classes that represent...

...may be 5 connected to zero or more other sections in inherited or shared mode. **Inheritance** may be vertical or horizontal. Vertical **inheritance** means inheriting from a parent section. Horizontal **inheritance** means inheriting from the same section in another, linked reinsurance contract. An inheritable object may...

...may only be edited in the context of its owning section. Examples of shared inheritable **objects** include a condition object 572, a protection object 592, and a section classification object 582. **Figures** 8a through 8d - Illustrates One Embodiment of a Graphical User Interface for Processing a Reinsurance...

...transaction may include, but not be limited to, submitting a quotation for a reinsurance policy, **calculating** a premium associated with a reinsurance policy, issuing a contract for a reinsurance policy, processing...

...insured period, i.e., a period representing the term of the reinsurance contract, contract conditions, **insurance** coverage, partners, amendments, premiums, etc. Each attribute may vary independently of the other attributes. Thus...

...life cycle phase, etc. In one embodiment, the reinsurance transaction processing software may include an **object - oriented** framework to process all reinsurance business transactions. In one embodiment, the graphical user interface software included in the reinsurance transaction processing software may use **objects** to manage various user interface functions. The **object - oriented** framework may include several classes of **objects**. In one embodiment, an entire reinsurance business transaction or a part thereof may be represented...

...as a keyboard 156 and a graphical user interface software to interact with the user. **Figures** 8a through 8d illustrate one embodiment of a display included in a graphical user interface or amend the contract, displays to **compute** premiums, time periods, etc. In one embodiment, a display may be defined as a display class and specific display **objects** may be created as **instances** of the display classes.  
Display Layout  
In one embodiment, a display or a window may...

...may also be accomplished by using special function keys on a keyboard 156, by a **top level** pull-down menu, etc. The navigational tool 802, in one embodiment, may include one or...

...may include up/down and/or left/right arrow buttons 802cb and an associated display **field** 802ca to assist the user in navigating through a section **hierarchy**. On selecting up/down and/or left/right arrow 802cb, the **value** displayed in the associated display **field** 802ca may change according to the user selection. If during the navigation process, the user has already reached at the top of a **hierarchy** then the tool panel 802c, which includes the up button 802cb, may be partially **disabled** or displayed in a lighter color. In one embodiment, the interface item or items may be provided to the user to navigate **within** a display, for example, to select various ranges for a variable displayed **within** a tool panel 802. Interface items may be items displayed

graphically on the

19/3,K/21 (Item 21 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00777046 \*\*Image available\*\*

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR NETWORK PERFORMANCE  
MODELING

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR LA MODELISATION DE  
PERFORMANCES BASEE SUR LE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200110082 A2-A3 20010208 (WO 0110082)  
Application: WO 2000US20548 20000728 (PCT/WO US0020548)  
Priority Application: US 99364732 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 134154

Fulltext Availability:

Claims

Claim

... Content Analyzer from Visual Studio. Only install Site Server on a  
NTFS Drive. 1 5 **Disable** or Remove all Anti Virus software during entire  
install process. Do not change ANY setting...or  
overridden. (This is not to say that all non-final classes or methods are  
**subclassed** or  
overridden.)

Likewise, all variables (including function **parameters** ) that can be  
final should be final. In the case of constants, this may allow...the  
stubs.

'avaguid CodesTable

CAFCTRetrieval.class CodesTableVAFCTRetrieval.class

J

Compile the Microsoft Visual J++ Project. **Figure** 68 shows a Visual J++  
Build Envirom-nent 6800. To begin a build, the Build...

...help on how to attach to a process refer to the Microsoft Visual J++  
help. **Figure** 69 shows an interface 6900 for attaching to the NITS  
Process for debuggins. Processes  
6902...

...For more information regarding debugging Active Server Pages, refer to  
the Visual Studio online help. **Figure** 70 shows an interface 7000 for  
debugging an Active Server Page (example global.asa file...

```

...System.out.println (" Done OK.
connection.close();
Code Generation using Rational Rose
The Rational Rose modeling tool allows developers to define and
communicate software
architecture, resulting in:
Accelerated development, by improved...

...Class files and within these files 'avadoc
J
comments are generated along with rose comments. Figure 71 illustrates
an exemplary frame 7100 of Rose generated java file and javadoc comments
7102...Type 8410 and Originator 8412 from the list boxes. Enter a title
for the issue within the Summary entry field 8414. Enter a detailed
description of the problem within the Description entry field 8416.
Select the Close button 8418 to return to the main window.
Reviewing and Modifying...

...the main window, select the View button 8334 of the Main Window 8330
shown in Figure This may display a window similar to the New Issue
screen, however it is possible...

...Issues using the Record control 8500 located in the lower left portion
of the window. Figure 85 illustrates this Modify Issue Screen 8502.
376
To search for a specific Issue, click...

...s responsibility to review and assign Issues to individual developers.
To do this, simply type within the desired fields or select the
appropriate options from the list boxes. Pressing the Close button or
advancing...

...the main window, select the Report button 8336 of the Main Window 8330
shown in Figure 83 This may display the Report Selection Screen.
Figure 86 illustrates the Report Selection Screen 8600. Select the
appropriate criteria for the desired reports...

...Print button 8604. To return to the main window select the Close button
8606.
PERFORMANCE MODELING
Figure 87 illustrates a method 8700 for network performance modeling .
Factors that influence a performance of a network are first identified in
operation 8702. In...

...factors. Operation of the network is simulated with the model in
operation 8706 with the simulation being carried out using expected
future loads. The network is then designed in operation 8708 based on
results of the simulation in order to accommodate the expected future
loads on the network. The factors may include...

...The following material provides a more detailed description of the
abovedescribed method. The ReTA Performance Modeling portion of the
present description outlines the evaluation 1 5 process and Analysis of a
performance modeling infrastructure. It may discuss the selection
approach, the product requirements, and the evaluation of the products,
in order to obtain a final recommendation. Figure 87.1 illustrates the
end to end process associated with Performance Modeling . Components
include Performance Modeling Analysis 8730, Product Evaluation 8732,
and Tool Recommendation 8734. Net-Centric and other advanced computing
paradigms have brought about an entirely new generation of advanced
business applications. These distributed applications place tremendous
demands on the network. Corporate computing networks must endure the
effects of increased usage, multiple protocols, heterogeneous networking
hardware and software...complicated situation for approaching,
understanding, predicting, and analysing network performance in network
intensive applications and computing infrastructures. This portion of
the present description may identify the elements of network performance
management...

```



...activities. These activities cover stages in the planning, designing, monitoring, analyzing, and tuning of networks. **Figure 88** illustrates the area 8800 of Effective Network Performance Management that occurs where the right...

19/3,K/25 (Item 25 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00340063 \*\*Image available\*\*

CONTROL SYSTEMS BASED ON SIMULATED VIRTUAL MODELS

SYSTEMES DE COMMANDE BASES SUR DES MODELES VIRTUELS SIMULES

Patent Applicant/Assignee:

INTERTECH VENTURES LTD,  
THALHAMMER-REYERO Cristina,

Inventor(s):

THALHAMMER-REYERO Cristina,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9622575 A1 19960725

Application: WO 96US883 19960117 (PCT/WO US9600883)

Priority Application: US 95373688 19950117; US 95373992 19950117

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP US US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 135683

Fulltext Availability:

Detailed Description

Detailed Description

... amount\_ (1212) is a float simple attribute set by the modeler that represents the scaled **value** of the amount of units in the contained bioPcK-)I **under** normal or basal conditions, equivalent to a fraction of the maximum amount that this bioPool...

19/AN,AZ,TI/1 (Item 1 from file: 348)  
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

02038564  
Secure transaction management  
Sicheres Transaktionsmanagement  
Gestion de transactions securisees  
APPLICATION (CC, No, Date): EP 2005077923 960213;  
PRIORITY (CC, No, Date): US 388107 950213

19/AN,AZ,TI/2 (Item 2 from file: 348)  
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

01930027  
Secure transaction management  
Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung  
Procede et dispositif de gestion de transactions securisees  
APPLICATION (CC, No, Date): EP 2005075672 960213;  
PRIORITY (CC, No, Date): US 388107 950213

19/AN,AZ,TI/3 (Item 3 from file: 348)  
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

00381486  
GATED ARCHITECTURE FOR COMPUTER VISION MACHINE.  
TORARCHITEKTUR FUR VISIONS-RECHNERMASCHINEN.  
ARCHITECTURE A PORTES POUR MACHINE DE VISUALISATION D'ORDINATEUR.  
APPLICATION (CC, No, Date): EP 89900691 880906; WO 88US3081 880906  
PRIORITY (CC, No, Date): US 113084 871023

19/AN,AZ,TI/4 (Item 4 from file: 348)  
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

00306062  
Digital data processing system.  
Digitales Datenverarbeitungssystem.  
Systeme du traitement de donnees numeriques.  
APPLICATION (CC, No, Date): EP 88200921 820521;  
PRIORITY (CC, No, Date): US 266413 810522; US 266539 810522; US 266521  
810522; US 266415 810522; US 266409 810522; US 266424 810522; US 266421  
810522; US 266404 810522; US 266414 810522; US 266532 810522; US 266403  
810522; US 266408 810522; US 266401 810522; US 266524 810522

19/AN,AZ,TI/5 (Item 5 from file: 348)  
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

00306058  
Digital data processing system.  
Digitales Datenverarbeitungssystem.  
Systeme de traitement de donnees numeriques.  
APPLICATION (CC, No, Date): EP 88200917 820521;  
PRIORITY (CC, No, Date): US 266404 810522

19/AN,AZ,TI/6 (Item 6 from file: 348)  
DIALOG(R)File 348:(c) 2007 European Patent Office. All rts. reserv.

00306057  
Digital data processing system.  
Digitales Datenverarbeitungssystem.  
Systeme de traitement de donnees numeriques.

APPLICATION (CC, No, Date): EP 88200916 820521;  
PRIORITY (CC, No, Date): US 266401 810522

19/AN,AZ,TI/7 (Item 7 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01537571  
GENIUS ADAPTIVE DESIGN  
MODELE D'ADAPTATION AU GENIE  
Application: WO 2006US48704 20061219 (PCT/WO US2006048704)

19/AN,AZ,TI/8 (Item 8 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01359286  
METHOD OF ANALYSING DATA  
PROCEDE D'ANALYSE DE DONNEES  
Application: WO 2005AU1595 20051014 (PCT/WO AU2005001595)

19/AN,AZ,TI/9 (Item 9 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01313061  
METHOD FOR AT LEAST PARTIALLY COMPENSATING FOR ERRORS IN INK DOT PLACEMENT  
DUE TO ERRONEOUS ROTATIONAL DISPLACEMENT  
PROCEDE POUR LA COMPENSATION AU MOINS PARTIELLE D'ERREURS DANS LE PLACEMENT  
POINTS D'ENCRE DUES A UN DEPLACEMENT ROTATIONNEL ERRONE  
Application: WO 2004AU706 20040527 (PCT/WO AU04000706)

19/AN,AZ,TI/10 (Item 10 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01024634  
SYSTEM AND METHOD FOR MULTIMEDIA AUTHORIZING AND PLAYBACK  
SYSTEME ET PROCEDE DE CREATION DE DIDACTICIELS MULTIMEDIA ET DE LECTURE  
Application: WO 2002US40623 20021218 (PCT/WO US0240623)

19/AN,AZ,TI/11 (Item 11 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

01002473  
METHOD AND APPARATUS FOR AN ASYNCHRONOUS PULSE LOGIC CIRCUIT  
PROCEDE ET APPAREIL POUR CIRCUIT LOGIQUE PULSE ASYNCHRONE  
Application: WO 2002US32661 20021011 (PCT/WO US0232661)

19/AN,AZ,TI/12 (Item 12 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00909145  
PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED  
DESPECKLING MECHANISMS PROVIDED THEREIN  
SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME  
DE DECHATOIEMENT INTEGRE  
Application: WO 2001US44011 20011121 (PCT/WO US0144011)  
Parent Application/Grant:  
Related by Continuation to: US 2001954477 20010917 (CIP)

19/AN,AZ,TI/13 (Item 13 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00872937

A CARD SYSTEM

SYSTEME A CARTES

Application: WO 2001AU847 20010713 (PCT/WO AU0100847)

19/AN,AZ,TI/14 (Item 14 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00857190

A NETWORK DEVICE FOR SUPPORTING MULTIPLE UPPER LAYER NETWORK PROTOCOLS OVER  
A SINGLE NETWORK CONNECTION

DISPOSITIF DE RESEAU COMPATIBLE AVEC PLUSIEURS PROTOCOLES DE RESEAU A  
COUCHE SUPERIEURE VIA UNE SEULE CONNEXION RESEAU

Application: WO 2001US15867 20010516 (PCT/WO US0115867)

19/AN,AZ,TI/15 (Item 15 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00814140

A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK

PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL

Application: WO 2000US35429 20001222 (PCT/WO US0035429)

19/AN,AZ,TI/16 (Item 16 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00802534

ANY-TO-ANY COMPONENT COMPUTING SYSTEM

SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE

Application: WO 2000US31231 20001113 (PCT/WO US0031231)

19/AN,AZ,TI/17 (Item 17 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00790514

OBJECT FRAMEWORKS FOR REINSURANCE

CADRES ORIENTES OBJET POUR REASSURANCE

Application: WO 2000US26695 20000929 (PCT/WO US0026695)

19/AN,AZ,TI/18 (Item 18 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00784143

SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR LOAD BALANCING REQUESTS AMONG  
SERVERS

SYSTEME, PROCEDE ET ARTICLE POUR EQUILIBREUR DE CHARGE DANS UN  
ENVIRONNEMENT DE STRUCTURES DE SERVICES

Application: WO 2000US24236 20000831 (PCT/WO US0024236)

19/AN,AZ,TI/19 (Item 19 from file: 349)

DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00784126

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE  
IN ENVIRONMENT SERVICES PATTERNS

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE  
D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT

Application: WO 2000US24086 20000831 (PCT/WO US0024086)

19/AN,AZ,TI/20 (Item 20 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00778300

MACHINE VISION SENSOR UTILIZING SPREADSHEETS  
CAPTEUR DE VISION ARTIFICIELLE

Application: WO 2000US21787 20000809 (PCT/WO US0021787)

19/AN,AZ,TI/21 (Item 21 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777046

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR NETWORK PERFORMANCE  
MODELING  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR LA MODELISATION DE  
PERFORMANCES BASEE SUR LE COMMERCE ELECTRONIQUE

Application: WO 2000US20548 20000728 (PCT/WO US0020548)

19/AN,AZ,TI/22 (Item 22 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777021

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER  
FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE  
POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER  
LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS

Application: WO 2000US20549 20000728 (PCT/WO US0020549)

19/AN,AZ,TI/23 (Item 23 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777017

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A HOST FRAMEWORK DESIGN IN  
AN E-COMMERCE ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A LA CONCEPTION D'UNE  
STRUCTURE D'ORDINATEUR CENTRAL DANS UNE ARCHITECTURE DE COMMERCE  
ELECTRONIQUE

Application: WO 2000US20560 20000728 (PCT/WO US0020560)

19/AN,AZ,TI/24 (Item 24 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00777011

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CODES TABLE FRAMEWORK  
DESIGN IN AN E-COMMERCE ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE FABRIQUE POUR LA CONCEPTION D'UNE STRUCTURE DE  
TABLES DE CODES DANS UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE

Application: WO 2000US20705 20000728 (PCT/WO US0020705)

19/AN,AZ,TI/25 (Item 25 from file: 349)  
DIALOG(R)File 349:(c) 2007 WIPO/Thomson. All rts. reserv.

00340063

CONTROL SYSTEMS BASED ON SIMULATED VIRTUAL MODELS  
SYSTEMES DE COMMANDE BASES SUR DES MODELES VIRTUELS SIMULES

Application: WO 96US883 19960117 (PCT/WO US9600883)

? show files;ds

File 2:INSPEC 1898-2007/Dec W2  
(c) 2007 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2007/Oct  
(c) 2007 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2007/Dec 31  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Oct  
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File 474:New York Times Abs 1969-2007/Dec 29  
(c) 2007 The New York Times  
File 475:Wall Street Journal Abs 1973-2007/Dec 30  
(c) 2007 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 256:TecInfoSource 82-2007/Jul  
(c) 2007 Info.Sources Inc  
File 139:EconLit 1969-2007/Nov  
(c) 2007 American Economic Association

Set	Items	Description
S1	401025	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC - OR PYRAMID?? OR TIER??
S2	56691	SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-ESENTATION OR LOGIC() (STRUCTURE OR STRUCTURES) OR VISUALI?ATI-ON OR PROJECTION OR PROJECTIONS
S3	39361	FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW - OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-ESTMENT OR ESTATE OR INSURANCE
S4	3461	DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR DISENGAG??? OR DISCONTINU? OR DIS() (ABL??? OR ARM OR ARMING - OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S5	29900	OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP() (LEVEL OR LEV-ELS) OR SOFTWARE() (AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S6	105249	DATAFIELD OR DATAFIELDS OR FIELD-OR FIELDS OR ELEMENT OR E-LEMENTS OR PARAMET? OR DATA() (ITEM OR ITEMS) OR FIELDNAME OR - FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR VALUES OR OFFSETS OR LINKS
S7	73287	BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-UBSUMED OR SUBCLASS?? OR WITHIN
S8	49495	RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? - OR COMPUTE OR COMPUTING OR FIGUR???
S9	382	S2(5N)S3
S10	21	S4(5N)S5
S11	4058	S6(5N)S7
S12	0	S8(10N)S10(10N)S11
S13	0	S1(S)S9(S)S12
S14	0	S2(10N)S3(10N)S4(10N)S5(10N)S6(10N)S7(10N)S8
S15	0	S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S16	0	S1 AND S2 AND S8 AND S10 AND S11
S17	10	S1 AND S2 AND S4 AND S5 AND S8
S18	4	S17 NOT PY>1999
S19	4	S18 NOT PD=19990615:20080229
S20	4	RD (unique items)

20/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

06901143 INSPEC Abstract Number: C9806-7140-022

**Title: A flexible and extensible object - oriented 3D architecture: application in the development of virtual anatomy lessons**

Author(s): Hoffman, H.; Murray, M.; Danks, M.; Prayaga, R.; Irwin, A.; Dzung Vu

Author Affiliation: Sch. of Med., California Univ., San Diego, La Jolla, CA, USA

Conference Title: Medicine Meets Virtual Reality. Global Healthcare Grid p.461-6

Editor(s): Morgan, K.S.; Hoffman, H.M.; Stredney, D.; Weghorst, S.J.

Publisher: IOS Press, Amsterdam, Netherlands

Publication Date: 1997 Country of Publication: Netherlands ix+621 pp.

ISBN: 90 5199 299 8 Material Identity Number: XX98-00790

Conference Title: Medicine Meets Virtual Reality Global Healthcare Grid

Conference Date: 1997 Conference Location: San Diego, CA, USA

Language: English

Subfile: C

Copyright 1998, IEE

**Title: A flexible and extensible object - oriented 3D architecture: application in the development of virtual anatomy lessons**

...Abstract: in part through the specification of appropriate content and the incorporation of activities to enhance **visualization**. These lessons are an intellectual framework which ensures that clinically-relevant issues and ancillary learning opportunities are available. The curricular exercises are non-sequential and can be **interrupted** at any time; users are encouraged to freely explore the environment. At the core of Anatomic Visualizer Copyright 's **object - oriented** architecture is the ability to identify, access, view and manipulate heterogeneous content. The capacity to...

...resources has been built into the application. Encapsulation of individual elements to form 3D display **objects** enables Anatomic Visualizer Copyright to efficiently manage 3D models, 2D images, text, sound and video.

...Descriptors: data **visualisation** ; ...

...multimedia **computing** ; ...

... **object - oriented** databases...

...solid **modelling** ;

Identifiers: **object oriented** 3D architecture...

...data **visualization** ; ...

...3D display **objects** ;

20/3,K/2 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2007 Institution of Electrical Engineers. All rts. reserv.

06772761 INSPEC Abstract Number: C9801-6130B-054

**Title: Applying dynamic loading to hierarchical meshes for real-time viewing of large virtual landscapes**

Author(s): Lewis, M.; Pitts, G.

Author Affiliation: Dept. of Comput. Sci., Trinity Univ., San Antonio, TX, USA

Conference Title: Military, Government, and Aerospace Simulation. Proceedings of the 1996 Simulation Multiconference p.59-61

Editor(s): Chinni, M.J.

Publisher: SCS, San Diego, CA, USA

Publication Date: 1996 Country of Publication: USA viii+270 pp.

ISBN: 1 56555 093 5      Material Identity Number: XX96-00852  
Conference Title: Proceedings of Military, Government and Aerospace  
Simulation  
Conference Sponsor: SCS  
Conference Date: 8-11 April 1996      Conference Location: New Orleans, LA,  
USA

Language: English  
Subfile: C  
Copyright 1997, IEE

**Title: Applying dynamic loading to hierarchical meshes for real-time  
viewing of large virtual landscapes**

...Abstract: there is one objective that supersedes all others: minimize  
the number of polygons. For most **objects** this comes at the cost of  
detail. When considering landscapes however, it also generally takes...

... displayed. Because most virtual environments tend to be static in that  
they load in all **objects** at the beginning of a run, this implies a  
certain maximum size for landscapes. This...

...generated landscapes. The paper presents a method for dynamic loading of  
landscape sections in a **hierarchical** mesh that allows the user to move  
through a world of any size. This method...

...higher or lower levels of detail in such a way that the process can be  
**interrupted** , and the entire landscape need not be **recalculated** because  
of viewpoint movement. The paper also shows how this method can be applied  
in an **object oriented** framework, and how additions such as rivers and  
cities can be added in a visually...

Descriptors: digital **simulation** ; ...

... **object - oriented** methods

...Identifiers: **hierarchical** meshes...

... **hierarchical** mesh...

... **object oriented** framework

20/3,K/3      (Item 3 from file: 2)  
DIALOG(R)File    2:INSPEC  
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06079786      INSPEC Abstract Number: B9511-6150M-079, C9511-6150J-035

**Title: Active objects : a paradigm for communications and event driven  
systems**

Author(s): Caal, G.; Divin, A.; Petitpierre, C.

Author Affiliation: Lab. de Teleinf., Ecole Polytech. Federale de  
Lausanne, Switzerland

Conference Title: 1994 IEEE GLOBECOM. Communications: The Global Bridge.  
Conference Record (Cat. No.94CH34025)      Part vol.1      p.485-9 vol.1

Publisher: IEEE, New York, NY, USA

Publication Date: 1994 Country of Publication: USA      3 vol. xxvi+1957  
pp.

ISBN: 0 7803 1820 X

U.S. Copyright Clearance Center Code: 0 7803 1820 X/94/\$4.00

Conference Title: 1994 IEEE GLOBECOM. Communications: The Global Bridge

Conference Sponsor: IEEE Commun. Soc.; IEEE San Francisco Sect.; Alcatel  
Network Syst.; Digital Switch Corp.; Electrohome; Hewlett-Packard Lab.;  
Pacific Bell; Sprint; Sun Microsyst.; Tellabs Oper.; Texas Instrum.;  
Northern Telecom; AT&T Network Syst.; Bechtel; NEC America; Pirelli Corp

Conference Date: 28 Nov.-2 Dec. 1994      Conference Location: San  
Francisco, CA, USA

Language: English  
Subfile: B C  
Copyright 1995, IEE

**Title: Active objects : a paradigm for communications and event driven**



## systems

...Abstract: finite state machine design. This paper presents a paradigm, based on the concept of active **objects**, that provides a new way of designing event driven applications. The concurrent and **object - oriented** capabilities of this approach make it particularly useful for facilitating the construction of complex event...

...Descriptors: discrete event **simulation** ; ...

... **interrupts** ; ...

... **object - oriented** languages...

... **object - oriented** programming...

...telecommunication **computing** ;

Identifiers: active **objects** ; ...

... **object - oriented** capabilities

20/3,K/4 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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1076379 ORDER NO: AAD89-20067

### DYNAMIC ANALYSIS AND SIMULATION OF MECHANICAL SYSTEMS WITH INTERMITTENT CONSTRAINTS

Author: WANG, YU

Degree: PH.D.

Year: 1989

Corporate Source/Institution: CARNEGIE-MELLON UNIVERSITY (0041)

Source: VOLUME 50/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2593. 199 PAGES

### DYNAMIC ANALYSIS AND SIMULATION OF MECHANICAL SYSTEMS WITH INTERMITTENT CONSTRAINTS

This thesis studies the dynamics of mechanical systems with **discontinuously** imposed constraints, known as intermittent constraints, and control strategies for robotic systems with intermittent dynamic...

...controlled. The phenomena of contact friction and inelasticity of materials are included.

Collisions between rigid **objects** generate impulsive forces and velocity **discontinuities** of the **objects**. Using a classical rigid-body model of impact, we find possible contact modes, and determine...

...system responses and their stability and bifurcations are also investigated. We analyze numerical properties for **computing** system discrete trajectories and determining global regions of stability. We show that an integration of the approach into a computer **simulation** system enhances its performance, especially for revealing the properties of multiple collisions.

The approach is...

...robot to accomplish the task in the presence of multiple collisions. We also discuss the **generalization** of the method to robotic manipulation systems with dynamic environments and the design of mechanical...

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File 20:Dialog Global Reporter 1997-2008/Jan 03

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Set	Items	Description
S1	708944	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC -OR PYRAMID?? OR TIER??
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S7	283837	DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-LEMENTS OR PARAMET? OR DATA() (ITEM OR ITEMS) OR FIELDNAME OR -FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR VALUES OR OFFSETS OR LINKS
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S9	108811	RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? -OR COMPUTE OR COMPUTING OR FIGUR???
S10	3358	S3(5N)S4
S11	17	S5(5N)S6
S12	10945	S7(5N)S8
S13	0	S9(10N)S11(10N)S12
S14	0	S2(S)S10(S)S13
S15	4781	S3(10N)S4
S16	27	S5(10N)S6
S17	0	S2(S)S8(S)S9(S)S15(S)S16
S18	0	S8(S)S9(S)S15(S)S16
S19	0	S3(S)S8(S)S9(S)S16
S20	23	S5(S)S6(S)S8(S)S9
S21	6	S3(S)S20
S22	9	S3(F)S8(F)S9(F) (S5(S)S6)
S23	26	S20 OR S22
S24	0	S23 NOT PY>1999

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File 636:Gale Group Newsletter DB(TM) 1987-2008/Dec 28  
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S2	1198266	OBJECT()ORIENTED OR OOP OR HIERARCHY OR HIERARCHI??? OR NE-ST??? OR INHERITANCE OR GENERALI?ATION OR SPECIALI?ATION OR C-ATEGORI?ATION OR SUBTYP??? OR TREE()STRUCTURE? ? OR SYNOPTIC - OR PYRAMID?? OR TIER??
S3	96154	SIMULATION OR MODELING OR MODELLING OR (WHAT-IF OR WHAT()I-F)()ANALYSIS OR THEORETICAL()CONSTRUCT??? OR CONCEPTUAL()REPR-ESENTATION OR LOGIC() (STRUCTURE OR STRUCTURES) OR VISUALI?ATI-ON OR PROJECTION OR PROJECTIONS
S4	799839	FINANCIAL OR ECONOMIC OR INCOME OR CASHFLOW OR CASH()FLOW - OR PROFIT? OR LOSS?? OR SALES OR MONETARY OR INVEST??? OR INV-ESTMENT OR ESTATE OR INSURANCE
S5	47491	DISABLE? ? OR DISARM??? OR OUT(2W)COMMISSION OR IMMOBIL? OR DISENGAG??? OR DISCONTINU? OR DIS() (ABL??? OR ARM OR ARMING - OR ENGAG??? OR CONTINU?) OR INTERRUPT??? OR TURN???()OFF
S6	91719	OBJECTS OR INSTANCES OR SUPERCLASS?? OR TOP() (LEVEL OR LEV-ELS) OR SOFTWARE() (AGENT OR AGENTS OR COMPONENT OR COMPONENTS)
S7	606069	DATAFIELD OR DATAFIELDS OR FIELD OR FIELDS OR ELEMENT OR E-LEMENTS OR PARAMET? OR DATA() (ITEM OR ITEMS) OR FIELDNAME OR - FIELDNAMES OR DATES OR RATES OR AMOUNTS OR STRINGS OR VALUE OR VALUES OR OFFSETS OR LINKS
S8	638056	BENEATH OR BELOW OR DEPENDENT OR UNDER OR SUBSUMPTION OR S-UBSUMED OR SUBCLASS?? OR WITHIN
S9	267444	RECALCULAT??? OR RECOMPUT??? OR REFIGUR??? OR CALCULAT??? - OR COMPUTE OR COMPUTING OR FIGUR???
S10	9275	S3(5N)S4
S11	102	S5(5N)S6
S12	37594	S7(5N)S8
S13	0	S9(10N)S11(10N)S12
S14	0	S2(S)S10(S)S13
S15	3	S3(S)S5(S)S6(S)S8(S)S9
S16	357	(S5(S)S6) (F)S9
S17	119	S3(F)S16
S18	114	S8(F)S17
S19	49	S3(S)S16
S20	49	S15 OR S19
S21	37	S20 NOT PY>1999
S22	35	S21 NOT PD=19990615:20080229
S23	32	RD (unique items)

23/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01664984 03-15974

**The use of fuzzy logic in business decision-making**  
Hutchinson, Martin O  
Derivatives Quarterly v4n4 PP: 53-66 Summer 1998  
ISSN: 1081-3268 JRNL CODE: DRVQ  
WORD COUNT: 8403

...TEXT: their variation in a given time period tends to be either much less than the **calculated** volatility or much more, with fewer than predicted **instances** of variation around the volatility (see Vaga [1994]). In times of market stress, **discontinuities** occur, making Black-Scholes hedging at intermediate prices impossible, and leading to losses for option ...

...cluster together in time in a way unpredicted by Bayesian analysis. Consequently, like Monte Carlo **simulation**, conventional options valuation models grossly underestimate the potential risks at the tails of the probability...

...of a European call option with a strike price of  $x$  is simply the area **under** the belief graph of the expected share price at expiry date that is greater than...

...strike price is  $7/8 \times 5.7761 = \$5.0541$ . It should be noted that, **under** fuzzy logic options valuation methods, the put/call parity theorem is not automatically obeyed. From...

...becomes cheaper than buying them outright. This is because, if the share price drops sharply **below** the \$35 strike price and then recovers, the buy call/sell-put trader may end...

...attractive in terms of today's \$40 price; this may also happen as prices fluctuate **discontinuously** toward the expiry of the option. Because of **discontinuous** share price fluctuations, and the fact that options, once exercised, cannot be unexercised, a call...

23/3,K/4 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01631120 02-82109

**Self-adaptive software for signal processing: Evolving systems in changing environments without growing pains**  
Sztipanovits, Janos; Karsai, Gabor; Bapty, Ted  
Communications of the ACM v41n5 PP: 66-73 May 1998  
ISSN: 0001-0782 JRNL CODE: ACM  
WORD COUNT: 5195

...TEXT: the DSP domain, although there are similar environments supporting other domains as well (for example, **simulation**). These environments represent a more general approach in software engineering, which we call modelintegrated **computing** (MIC). In MIC, various high-level, abstract, and formal models are used in building, analyzing...

...main components of a programming environment for DSP in the MGA framework are shown in **Figure 1**.

For large-scale DSP systems, the models can be very complicated; therefore a graphical...

23/3,K/5 (Item 5 from file: 15)

01597367 02-48356

**Enabling the effective involvement of multiple users: Methods and tools for collaborative software engineering**

Dean, Douglas L; Lee, James D; Pendergast, Mark O; Hickey, Ann M; Nunamaker, Jay F Jr

Journal of Management Information Systems: JMIS v14n3 PP: 179-222 Winter 1997/1998

ISSN: 0742-1222 JRNL CODE: JMI

WORD COUNT: 18282

...TEXT: and a necessary part of systems integration [3, 32, 40, 46]. The value of data **modeling** and data integration is further underlined by a study conducted by the Gartner Group which...

...in productivity [2, 47], studies such as [38] have shown that, in the majority of **instances** (70 percent), use of CASE tools has been **discontinued** one year after adoption.

The refinement of systems development methodologies made it possible to verify...realized an integrated semantic checker within AM was essential. During model development we found that **modeling** rule violations were easily overlooked by the SMEs unless they received immediate feedback. The error...

...and model inconsistencies (warnings) are flagged with red dots (see the top two inputs in **figure 3**), which the SMEs can click on for an explanation of the error or warning...

...can be corrected. This immediate feedback helps the SMEs and the facilitator identify and fix **modeling** errors, inconsistencies, and omissions before they get out of control.

Group Coordination and Group Access...the draft model, the entity list is made available to all SMEs through the EMS **modeling** tool environment. At this point, the emphasis is on identifying, naming, and textually defining the...

...in parallel, at their own pace, as they work through the entire entity list (see **figure 6**).

SMEs are asked to post questions and new or improved entity definitions into the...involvement. The remainder of this section focuses on what is required to enable collaborative modeling.

**Figure 10** reflects essential components of collaborative **modeling** support. First, collaborative **modeling** tools enable SMEs to interact directly with models while working in parallel. Such tools must contain a user-comprehensible interface, essential for complexity management. **Modeling** aids within collaborative **modeling** tools can also benefit model development, as can model access controls that help govern what...

23/3,K/11 (Item 11 from file: 15)

01083641 97-33035

**Design criteria for cooperating robots assembly cells**

Pelagagge, Pacifico M; Cardarelli, Gino; Palumbo, Mario

Journal of Manufacturing Systems v14n4 PP: 219-229 1995

ISSN: 0278-6125 JRNL CODE: JMY

WORD COUNT: 5469

...TEXT: TI) activities. The evaluation of TO and TI may be carried out either by analytic **calculation** or by experimental analysis. In the first

case, sophisticated algorithms for robot modeling must be available. In both cases, a method study of the robot carrying out the...

23/3,K/23 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03932739 SUPPLIER NUMBER: 07217376 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Beyond garbage cans: an AI model of organizational choice. (artificial intelligence)  
Masuch, Michael; LaPotin, Perry  
Administrative Science Quarterly, v34, n1, p38(30)  
March, 1989  
ISSN: 0001-8392 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 13551 LINE COUNT: 01123

... The proliferation of artificial intelligence (AI) into other fields has revived the interest in computer modeling of organizations (Cohen, 1986). AI indicates three directions for possible improvement in modeling techniques: First, experience with AI shows that one cannot model most nontrivial aspects of human...

...solving algorithms. Instead, they require symbolic data structures and inference strategies that can move through discontinuous problem spaces where alternatives are constituted by specific rules (Newell and Simon, 1972: 19-51...

...the attention to object-oriented design techniques as a replacement for traditional, procedure-driven designs. Discontinuous problem spaces are rarely well defined, so that the traditional design techniques, requiring well-defined...

...become inadequate. Instead, designs are needed that place the emphasis on the selection of basic objects to represent relevant features of the reference world and to build the model from a combination of such objects (Brachman and Levesque, 1985). Third, AI provides a better understanding of the epistemological conditions of modeling. When computer models made their first appearance, the animated world they created was taken as...

...Riesbeck, and McDermott, 1986; Sterling and Shapiro, 1986), heuristic search strategies that can move through discontinuous problem spaces (Newell and Simon, 1972; Kowalski, 1979; Nilsson, 1981; Rich, 1983), and programming techniques potential as a theory generator. Counterintuitive results from the simulation are examined in detail and are shown to bear on known organizational phenomena, such as...exceeds his or her aspirations, the aspiration level will adapt upward. The moving average is calculated as the simple time integrated average over a period that is proportional to the step size of the simulation. The step size is a parameter specified a priori for a given simulation run. Preferences. Each actor has preferences regarding various elements of the decision process. For example...Although DoubleAISS can handle variable degrees of commitment, intermediate values were not included in the simulation experiment. Structure. Structure encompasses two aspects, as noted: (1) the network of communication between actors...cognitive capacity simultaneously decreased the tally of nondecisions and increased the number of nonsolutions. As Figure 2 shows, both commitment and cognitive capacity are important predictors of organizational performance, but it...

...counterproductive. Having more time to think enables uncommitted actors to think up better nonsolutions--to figure out how to do nothing even when it's difficult not to be productive. This...

...and the converse relationship for high levels of commitment, both of which are evident in Figure 3. Workload. As shown in Figure 4, workload (WL) played an ambiguous role. Productivity dropped off significantly for high workload, as...

...misrepresented by the regressions because its effect on an organization's performance is nonlinear. As **Figure 5** shows, positive effects of structure typically peak when there are several ties between actors...

...ties lose some time maintaining contact with others or, in terms of DoubleAISS, waste time **figuring** out which contacts to use; actors without enough ties must go out of their way and the climate. These effects are shown in **Figure 6**. As the regressions show, hierarchy (structure mediated by authority relations, **HIER**) does not seem...

...regression equation for the number of solutions. But closer inspection shows more complex patterns. As **Figure 7** shows, the effect of hierarchy seems to interact strongly with the distribution of commitment...

...productivity. Only if commitment is low can authority relations help the performance. Thinking ahead. The **simulation** experiment put a cap on the maximum number of steps an actor could think ahead...

...helps an actor to find solutions and avoid nondecisions (not surprisingly). Furthermore, as shown in **Figure 8**, thinking ahead appears crucial to the problem-solving behavior of organizations dominated by unmotivated...

...performance. Preferences for actions, skills, and depth-first thinking were activated as parameters for the **simulation**, but only the action preference (**ACTIONP**) comes up in the stepwise regressions and the additional detailed analysis. As shown in **Figure 9**, productivity seems to suffer under inconsistent action preferences; conversely, there is an increase in...

...that might be expected in a global exploration of a model's parameter space, the **simulation** experiment has produced several counterintuitive results concerning commitment, climate, and workload. These concepts play an...Reichers, 1985; McGee and Ford, 1987)--only to increase the already persisting confusion. While a **simulation** model cannot address all validity problems, DoubleAISS helps to elucidate the domain's complexity, drawing...

...model predicts a positive relation between commitment and productivity as the main effect. But the **simulation** experiment reveals an interaction effect that is unlikely to be anticipated during the design of...

...and little gets done. The presence of uncommitted actors raises productivity under these trying circumstances (**Figure 4**). They "pass the buck" to their committed colleagues, who, in turn, can find the...

...organizational behavior (Glick, 1988). A third observation concerns the interaction between commitment, productivity, and authority (**Figure 7**). As noted, authority relations seem to help performance only when commitment is low. Puzzling...have proposed a "generative grammar of organizational transactions" that might become the basis of a **modeling** effort if one is going to represent organizational actions in terms of a language parser...

...theory. The window is wide open, and the prospects are exciting. Third, by reiterating computer **simulation** as a technique of theorizing, DoubleAISS focuses attention on a ...theory. Finally, this study is one of the first to combine artificial intelligence with computer **simulation**. While many AI models successfully mimic certain aspects of intelligent behavior, few undertake a systematic exploration of the state space of a given model representation (Elzas, Oren, and Ziegler, 1986). **Simulation** does produce promising new perspectives on theory production, especially when powered with AI-based inference...

...theory might generate without violating the rules of logic--is hardly ever explored. AI-based **simulation** thus may help to make better use of existing theories and facilitate the development of...

...warrant the implementation. A full factorial design would have required an astronomical number of runs-- **calculating** the product of [3.sup.10] simulations required by a full factorial design with three values per parameter, 30 runs per **simulation**, and approximately 3 minutes elapsed per run. REFERENCES Anderson, Paul A., and Gregory W. Fischer...

...Sciences. New York: Columbia University Press. Burton, Richard M., Borge Obel 1984 Designing Efficient Organizations: **Modeling** and Experimentation. New York: North-Holland. Carley, Kathleen 1986 "Efficiency in a garbage can: Implications...

...New York: Harper and Row. Dutton, John W., and William H. Starbuck (eds.) 1971 Computer **Simulation** and Human Behavior. New York: Wiley. Elzas, Maurice S., Tuncer I. Oren, and Bernard Ziegler (eds.) 1986 **Modeling** and **Simulation** in the Artificial Intelligence Era. Amsterdam: North-Holland. Forrester, Jay W. 1961 Industrial Dynamics. Cambridge 1973 Systems Analysis and **Simulation** with Applications to Economic and Social Systems. East Lansing, MI: Michigan State University. March, James...

...John Richardson, and Gerhard Bruckman 1982 Groping in the Dark: The First Decade of Global **Modeling**. New York: Wiley. Miller, George A. 1956 "The magic number seven plus or minus two...

...Press. Pfeffer, Jeffrey 1982 Organizations and Organization Theory. Marshfield, MA: Pitman. Pidd, Michael 1984 Computer **Simulation** in Management Science. New York: Wiley. Randall, Donna M. 1987 "Commitment and the organization: The...

...Hierarchies: Analysis and Antitrust Implications. New York: Free Press. [Tabular Data 1 to 4 Omitted] [ **Figure** 1 to 9 Omitted]

23/3,K/27 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01663730 SUPPLIER NUMBER: 14822149 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Distributed AI Toolkit. (a framework for Distributed Artificial Intelligence) (Technical)**  
Goldstein, David  
AI Expert, v9, n1, p34(4)  
Jan, 1994  
DOCUMENT TYPE: Technical ISSN: 0888-3785 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2033 LINE COUNT: 00184

... statistical analysis packages, spread-sheets, and so on all can be incorporated into an application.

**Figure** 1 considers a portion of a computer-integrated manufacturing system. The different applications provide very...

...tool can be critiqued using the analysis tool, examined in hypothetical production runs with the **simulation** package, and fabricated on the factory floor with scheduling and planning software. Conflicts among the applications in **Figure** 1 might be resolved by a hierarchical strategy (resolved by a "boss agent") or negotiation...

23/3,K/28 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01619648 SUPPLIER NUMBER: 14359542 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Designing and implementing 'choices': an object-oriented system in C++.**  
(usage of C++ to construct parallel application porting system) (one of eight articles on concurrent object-oriented programming; special issue)



(Technical)

Campbell, Roy H.; Islam, Nayeem; Raila, David; Madany, Peter  
Communications of the ACM, v36, n9, p117(10)  
Sept, 1993

DOCUMENT TYPE: Technical ISSN: 0001-0782 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 6857 LINE COUNT: 00588

... dependent concrete classes.

The VirtualChoices implementation specializes the Choices architectural design with concrete subclasses (see Figure 1) that implement their functions using Unix system calls. Unlike a simulation [13], VirtualChoices behaves like a port of Choices to bare hardware. It supports Choices applications...

23/3,K/29 (Item 5 from file: 275)

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01379320 SUPPLIER NUMBER: 09559549 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Real-time operating systems struggle with multiple tasks.**  
Williams, Tom  
Computer Design, v29, n19, p92(9)  
Oct 1, 1990  
ISSN: 0010-4566 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 5381 LINE COUNT: 00426

... pipeline to scale, clip, rotate, render and finally display the graphics image.

In a flight simulation application, several CPUs might be assigned to cycle a set of equations which model the aircraft--position of control surfaces, aircraft position, instruments and so on--and which compute the out-the-window display that appears to the pilot on the screen or screens ...

...system is to do the computations within the frame rate of the display. As the simulation model gets more complex, CPUs can be added and the operating system can keep them...but when he does, its interrupt service routines generate new variables to plug into the modeling equations and update the display.

This is a point where real-time multiprocessing can differ...

23/3,K/30 (Item 6 from file: 275)

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01377513 SUPPLIER NUMBER: 09564415 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**NEST: a network simulation and prototyping testbed. (Discrete Event Simulation) (technical)**  
Dupuy, Alexander; Schwartz, Jed; Yemini, Yechiam; Bacon, David  
Communications of the ACM, v33, n10, p63(12)  
Oct, 1990  
DOCUMENT TYPE: technical ISSN: 0001-0782 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 7081 LINE COUNT: 00584

... examples of NEST applications.

Architecture of NEST

The overall architecture of NEST is depicted in Figure 1. NEST consists of a simulation server and client monitors. The simulation server is responsible for the execution of simulation runs. The generic client monitors are used to (re)configure a simulation model and control its execution. The custom client monitors are used to observe simulation behavior and display the results. Clients can (and typically will) reside on separate machines from the server. This allows dedication of a

computing server to execute a cycle-consuming simulation while delegating presentation and control functions to remote workstations.

The client-server communications require relatively...

...at the different sites.

User interaction with NEST is depicted via the shaded arrows in **Figure 1**. Users provide node and link functions which are linked with the simulation server to form a simulation testbed. These functions are coded in C and include calls upon the NEST library. Node...

...may be obtained through incremental extensions.

NEST User Interfaces

NEST users control and manage a simulation through graphical monitoring tools. NEST provides two kinds of monitors: generic monitors and custom monitors. The generic monitor provides a complete environment to create, edit and configure simulation scenarios. A typical generic monitor screen is depicted in **Figure 2**. The user creates and modifies a network description using a mouse to draw it...

...of editing features to configure the respective simulated objects. The pop-up menus in the figure are being used to change the function assigned to a node; the "show node data" item can be used to update the node properties window. Simulation parameters may be set via respective panels at the top. Once the user has defined a simulation scenario, it is sent to the simulation server where it is loaded and executed.

One of NEST's key features is the...interpretation of protocol messages. Since these cannot be shared by all the nodes in a simulation, they are turned into arrays of variables, indexed by node ID numbers, and appropriate preprocessor...

...that the existing code need not be changed. The daemon also uses UNIX timers to interrupt the program periodically so that it will send out routing updates to its neighbors. Since these timers cannot be easily shared by several instances of the routing code, the top-level control loop must be altered slightly to check whether it is time to send out routing updates.

Once these changes have been made, the RIP simulation will run under NEST, and the user can add additional features to support a custom...

...display routines from the generic monitor and incorporate them into a monitor function in the simulation. This function can trace through the routing tables of the nodes in a network to...

...correct routes to be established. An example of such a custom monitor is illustrated in **Figure 3**.

The user can now examine how RIP reacts dynamically to failures in the network...to receive a message from another node, it gets the first message that arrives in simulation time. The difficulties in ensuring this are depicted in **Figure 5**. The scheduler runs node A first, and it sends a message to node B...

...from A has been delivered, and would normally be available to node B. But in simulation time, there may be a message from node C which would arrive before the message from node A. As a result, the simulation scheduler cannot give B any message until it knows that no earlier message (in simulation time) can possibly be sent.

In order to establish correct ordering of events within the...

...of

NEST

The key goals of NEST implementation are efficiency, portability and extensibility. Efficiency of simulation is of great importance in the study of large-scale complex distributed systems. Certain phenomena...

...such systems cannot be extrapolated from the study of small-scale simplified versions. However, a simulation study of complex large-scale systems may require significant computing resources and consume too much

time. NEST accomplishes significant efficiency through the use of a...  
...overheads associated with multi-tasking implementation. Sharing memory among the different process threads permits the **simulation** to accomplish significant efficiency (e.g., passing pointers instead of full messages). Finally, the user...

...the user can reset the pass duration to allow for efficient uninterrupted execution of the **simulation**.

NEST has proved very efficient in studies of both large-scale and complex distributed systems...scenarios and respond to the respective changes.

Separation of scenario display and control from the **simulation** execution in terms of **simulation** server and monitoring clients can offer additional attractions. The **simulation** may be executed over a remote computational server, permitting optimum utilization of the server cycles ...

...provide effective remote (re)configuration and scenario controls. This permits users to access substantially more **computing** capabilities over a network than may be available to them locally, and conduct extensive **simulation** studies. Additionally, as is often the case, the development of a complex distributed system may involve work at multiple sites. A common **simulation** testbed can support sharing of software and efforts as well as improved studies of the...

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01372441 SUPPLIER NUMBER: 09452475 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Concurrent object-oriented programming. (includes related article on  
multicomputers)  
Agha, Gul  
Communications of the ACM, v33, n9, p125(17)  
Sept, 1990  
ISSN: 0001-0782 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 12260 LINE COUNT: 01002

... may be represented as systems of objects.  
The Actor Model

A common semantic approach to **modeling** objects is to view the behavior of objects as functions of incoming communications. This is...

...taken in the actor model [21]. Actors are self-contained, interactive, independent components of a **computing** system that communicate by asynchronous message passing. The basic actor primitives are (see **Figure 4**):

create: creating an actor from a behavior description and a set of parameters, possibly...

23/6/1 (Item 1 from file: 15)  
01961987 46794907

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Market orientation and the marketing strategy process  
Spring 1999 LENGTH: 14 Pages  
WORD COUNT: 10455

23/6/2 (Item 2 from file: 15)  
01784412 04-35403

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Agents with power  
Mar 1999 LENGTH: 7 Pages  
WORD COUNT: 2930

23/6/3 (Item 3 from file: 15)  
01664984 03-15974

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

The use of fuzzy logic in business decision-making  
Summer 1998 LENGTH: 14 Pages  
WORD COUNT: 8403

23/6/4 (Item 4 from file: 15)  
01631120 02-82109

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Self-adaptive software for signal processing: Evolving systems in changing environments without growing pains  
May 1998 LENGTH: 8 Pages  
WORD COUNT: 5195

23/6/5 (Item 5 from file: 15)  
01597367 02-48356

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Enabling the effective involvement of multiple users: Methods and tools for collaborative software engineering  
Winter 1997/1998 LENGTH: 44 Pages  
WORD COUNT: 18282

23/6/6 (Item 6 from file: 15)  
01476073 01-27061

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Kinetix' Hyperwire 1.0  
Aug 1997 LENGTH: 4 Pages  
WORD COUNT: 2034

23/6/7 (Item 7 from file: 15)  
01447806 00-98793

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Domino: A multifaceted conceptual framework for visual simulation modeling  
May 1997 LENGTH: 28 Pages  
WORD COUNT: 11736

23/6/8 (Item 8 from file: 15)  
01405887 00056874

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

From Kansas to Oz: Collaborative debugging when a shared world breaks  
Apr 1997 LENGTH: 7 Pages  
WORD COUNT: 3879

23/6/9 (Item 9 from file: 15)

01364464 00-15451

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Post-WIMP user interfaces

Feb 1997 LENGTH: 5 Pages

WORD COUNT: 3004

23/6/10 (Item 10 from file: 15)

01215231 98-64626

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

A geometric modeling and animation system for virtual reality

May 1996 LENGTH: 8 Pages

WORD COUNT: 5136

23/6/11 (Item 11 from file: 15)

01083641 97-33035

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Design criteria for cooperating robots assembly cells

1995 LENGTH: 11 Pages

WORD COUNT: 5469

23/6/12 (Item 12 from file: 15)

00965462 96-14855

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Multiplicity and change in persons and organizations

1994 LENGTH: 10 Pages

WORD COUNT: 5117

23/6/13 (Item 13 from file: 15)

00824057 94-73449

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Knowledge-based approach for improvement of CNC part programs

1994 LENGTH: 11 Pages

WORD COUNT: 5695

23/6/14 (Item 14 from file: 15)

00777463 94-26855

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Complexity reduction during interruption analysis in a flexible manufacturing system using knowledge-based on-line simulation

1993 LENGTH: 17 Pages

WORD COUNT: 9823

23/6/15 (Item 15 from file: 15)

00760723 94-10115

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Designing and implementing CHOICES: An object-oriented system in C++

Sep 1993 LENGTH: 10 Pages

WORD COUNT: 6507

23/6/16 (Item 16 from file: 15)

00656139 93-05360

\*\*USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

The RACE Open Services Architecture Project

1992 LENGTH: 20 Pages

WORD COUNT: 10213

23/6/17 (Item 1 from file: 16)  
05357497 Supplier Number: 48148613 (USE FORMAT 7 FOR FULLTEXT)  
The Quest for DWG Compatibility  
Dec, 1997  
Word Count: 4555

23/6/18 (Item 1 from file: 148)  
0019710445 SUPPLIER NUMBER: 53255783 (USE FORMAT 7 OR 9 FOR FULL  
TEXT)  
-WORLD AGRICULTURAL OUTLOOK BOARD: Agricultural outlook -- Part III of III.  
Nov 23, 1998  
WORD COUNT: 7742 LINE COUNT: 00626

23/6/19 (Item 2 from file: 148)  
09914193 SUPPLIER NUMBER: 17017600 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Specifying the structure which integrates a firm's skills with market  
needs.  
April, 1995  
WORD COUNT: 7338 LINE COUNT: 00682

23/6/20 (Item 3 from file: 148)  
07718580 SUPPLIER NUMBER: 16673417 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Modeling virtual worlds. (modeling tips)  
Feb, 1995  
WORD COUNT: 1693 LINE COUNT: 00125

23/6/21 (Item 4 from file: 148)  
06503616 SUPPLIER NUMBER: 14175575 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Mac modeling vendors stir the ibm pot. (3-D modeling software)  
March-April, 1993  
WORD COUNT: 3618 LINE COUNT: 00284

23/6/22 (Item 5 from file: 148)  
05206766 SUPPLIER NUMBER: 11041309 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Computing in totalitarian states: Poland's way to an informed society.  
Summer, 1991  
WORD COUNT: 4573 LINE COUNT: 00395

23/6/23 (Item 6 from file: 148)  
03932739 SUPPLIER NUMBER: 07217376 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Beyond garbage cans: an AI model of organizational choice. (artificial  
intelligence)  
March, 1989  
WORD COUNT: 13551 LINE COUNT: 01123

23/6/24 (Item 7 from file: 148)  
03525710 SUPPLIER NUMBER: 06460368 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Design, modeling, and analysis. (CAD-CAM software and hardware) (includes  
focus articles on modeling thermoplastics, expert systems, models for  
database management, etc.)  
June 16, 1988  
WORD COUNT: 5374 LINE COUNT: 00440

23/6/25 (Item 1 from file: 275)  
01804821 SUPPLIER NUMBER: 17155728 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Client/server and host app. development tools. (1995 Database Buyer's Guide

and Client/Server Sourcebook) (Buyers Guide)

May 15, 1995

WORD COUNT: 20277 LINE COUNT: 01789

23/6/26 (Item 2 from file: 275)

01668174 SUPPLIER NUMBER: 15071778 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Entering the world of 3-D. (Alias Research's Sketch 1.5, Auto-Des-Sys' Form.Z 2.3, Specular International's Infini-D 2.5, MacroMedia's MacroModel 1.5, VIDDI's Presenter Professional 1.5, Ray Dream's Designer 3.0, Byte by Byte's Sculpt 3D 3.1 and 4D 3.1, Strata's StrataVision 3D 2.6 and Studio Pro computer-aided design programs) (includes related article on software trends) (Software Review) (Evaluation)

April, 1994

WORD COUNT: 4961 LINE COUNT: 00444

23/6/27 (Item 3 from file: 275)

01663730 SUPPLIER NUMBER: 14822149 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The Distributed AI Toolkit. (a framework for Distributed Artificial Intelligence) (Technical)

Jan, 1994

WORD COUNT: 2033 LINE COUNT: 00184

23/6/28 (Item 4 from file: 275)

01619648 SUPPLIER NUMBER: 14359542 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Designing and implementing 'choices': an object-oriented system in C++. (usage of C++ to construct parallel application porting system) (one of eight articles on concurrent object-oriented programming; special issue) (Technical)

Sept, 1993

WORD COUNT: 6857 LINE COUNT: 00588

23/6/29 (Item 5 from file: 275)

01379320 SUPPLIER NUMBER: 09559549 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Real-time operating systems struggle with multiple tasks.

Oct 1, 1990

WORD COUNT: 5381 LINE COUNT: 00426

23/6/30 (Item 6 from file: 275)

01377513 SUPPLIER NUMBER: 09564415 (USE FORMAT 7 OR 9 FOR FULL TEXT)

NEST: a network simulation and prototyping testbed. (Discrete Event Simulation) (technical)

Oct, 1990

WORD COUNT: 7081 LINE COUNT: 00584

23/6/31 (Item 7 from file: 275)

01372441 SUPPLIER NUMBER: 09452475 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Concurrent object-oriented programming. (includes related article on multicomputers)

Sept, 1990

WORD COUNT: 12260 LINE COUNT: 01002

23/6/32 (Item 8 from file: 275)

01302119 SUPPLIER NUMBER: 07365876 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Release 1.0 calendar. (April 1989-March 1990)

April 10, 1989

WORD COUNT: 3014 LINE COUNT: 00253

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(c) 1999 PR Newswire Association Inc  
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(c) 2007 Dialog  
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(c) 2008 Bond Buyer  
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(c) 2007 CSA.  
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(c) 2007 The Gale Group  
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(c) 2007 Pira International  
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S11	11	S5(5N)S6
S12	10177	S7(5N)S8
S13	0	S9(10N)S11(10N)S12
S14	0	S2(S)S10(S)S13
S15	98	S5(S)S6
S16	22	S3(F)S15
S17	9	S9(F)S16
S18	7	S17 NOT PY>1999
S19	5	S18 NOT PD=19990615:20080229
S20	5	RD (unique items)



20/6/1 (Item 1 from file: 13)  
00589383 Supplier Number: 24368545 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Caroline Foley and the Theory of Intersubjective Demand; Part 3 of 3  
September 1998  
WORD COUNT: 4592

20/6/2 (Item 1 from file: 75)  
00221051 SUPPLIER NUMBER: 19586840 (USE FORMAT 7 FOR FULL TEXT)  
The art of continuous change: linking complexity theory and time-paced  
evolution in relentlessly shifting organizations.  
March, 1997  
WORD COUNT: 13722 LINE COUNT: 01154

20/6/3 (Item 2 from file: 75)  
00138746 SUPPLIER NUMBER: 09728447 (USE FORMAT 7 FOR FULL TEXT)  
Technological discontinuities and dominant designs: a cyclical model of  
technological change.  
Dec, 1990  
WORD COUNT: 12225 LINE COUNT: 01160

20/6/4 (Item 3 from file: 75)  
00136436 SUPPLIER NUMBER: 08150672 (USE FORMAT 7 FOR FULL TEXT)  
The mediating role of attitude toward the ad: some additional evidence.  
(Research Notes and Communications)  
Feb, 1990  
WORD COUNT: 6091 LINE COUNT: 00532

20/6/5 (Item 4 from file: 75)  
00130104 SUPPLIER NUMBER: 07217376 (USE FORMAT 7 FOR FULL TEXT)  
Beyond garbage cans: an AI model of organizational choice. (artificial  
intelligence)  
March, 1989  
WORD COUNT: 13389 LINE COUNT: 01123



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